Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091700.D
Acq On : 26 Apr 2016 12:09
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Apr 26 13:15:39 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36848	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	168191	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	97668	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	265845	5.00	ng		0.00
26) Chrysene-d12	21.31	240	300717	5.00	ng		0.00
35) Perylene-d12	23.75	264	280257	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	7197	0.88	ng		0.00
5) Phenol-d6	6.95	99	9312	0.84	ng		0.00
8) Nitrobenzene-d5	8.95	82	8531	0.95	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	3193	1.40	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	22852	0.85	ng		0.00
29) Terphenyl-d14	19.76	244	39102	0.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	3768	0.83	ng		95
3) n-Nitrosodimethylamine	3.64	42	5347	1.01	ng		92
6) bis(2-Chloroethyl)ether	7.21	93	8717	0.88	ng	#	78
9) Nitrobenzene	8.99	77	8884	0.99	ng		96
10) Naphthalene	10.61	128	28269	0.82	ng		97
11) Hexachlorobutadiene	10.92	225	4898	1.00	ng		95
12) 2-Methylnaphthalene	12.24	142	17798	0.81	ng		91
16) Acenaphthylene	14.12	152	32035	0.82	ng	#	84
17) Acenaphthene	14.47	154	19909	0.83	ng		88
18) Fluorene	15.46	166	25188	0.84	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	7313	0.81	ng		95
21) Hexachlorobenzene	16.45	284	7463	0.77	ng		98
22) Pentachlorophenol	16.79	266	3182	1.00	ng		90
23) Phenanthrene	17.18	178	47057	0.79	ng		99
24) Anthracene	17.28	178	41306	0.78	ng		98
25) Fluoranthene	19.19	202	49213	0.83	ng		97
27) Benzidine	19.74	184	601	0.03	ng		95
28) Pyrene	19.55	202	54544	0.79	ng		99
30) Benzo(a)anthracene	21.29	228	125521	1.72	ng		97
31) 3,3'-Dichlorobenzidine	21.22	252	28202	0.92	ng	#	77
32) Chrysene	21.29	228	126025	1.58	ng		93
33) Bis(2-ethylhexyl)phthalate	21.22	149	15184	1.08	ng	#	87
34) Indeno(1,2,3-cd)pyrene	26.31	276	57780	0.81	ng		96
36) Benzo(b)fluoranthene	23.00	252	53659	0.80	ng		98
37) Benzo(k)fluoranthene	23.04	252	53137	0.80	ng		98
38) Benzo(a)pyrene	23.63	252	48967	0.84	ng		98
39) Dibenzo(a,h)anthracene	26.33	278	47828	0.80	ng		96
40) Benzo(g,h,i)perylene	27.09	276	47854	0.78	ng		97

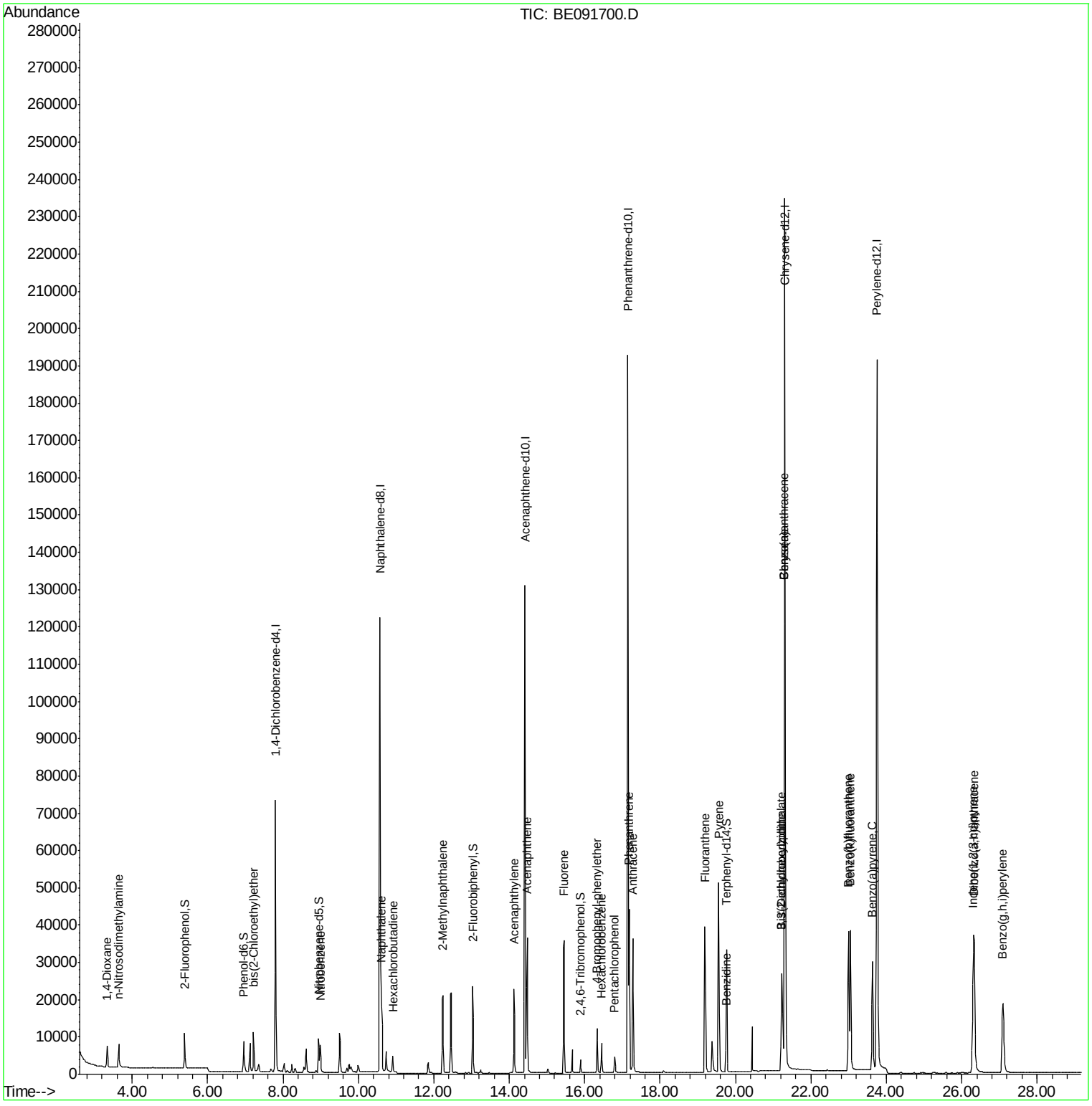
(#) = qualifier out of range (m) = manual integration (+) = signals summed

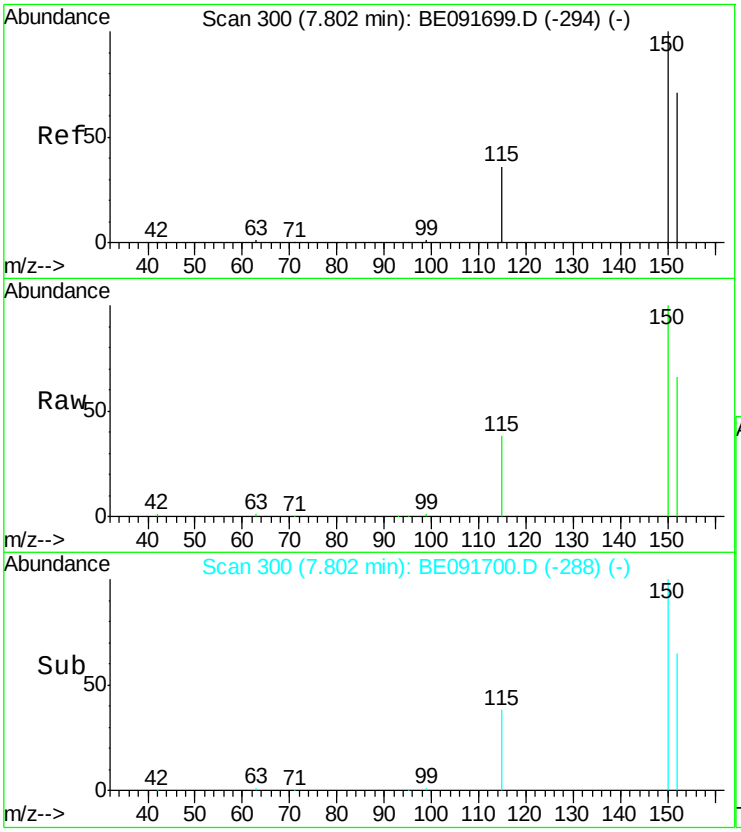
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091700.D
Acq On : 26 Apr 2016 12:09
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Apr 26 13:15:39 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration



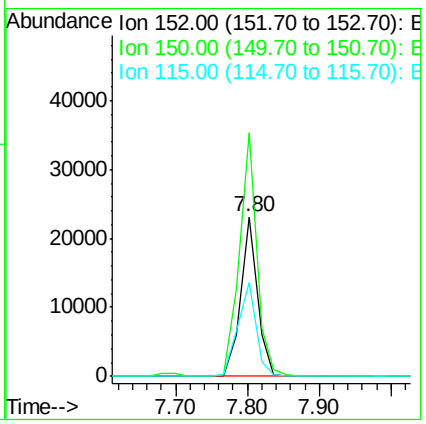


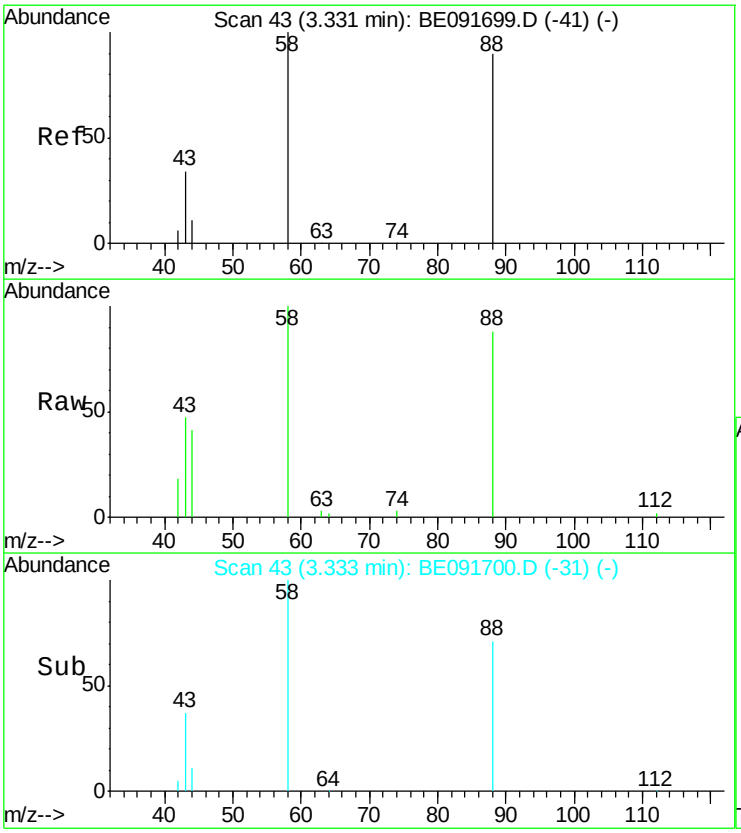
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 36848

Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.6	183.8
115	58.5	52.8	79.2

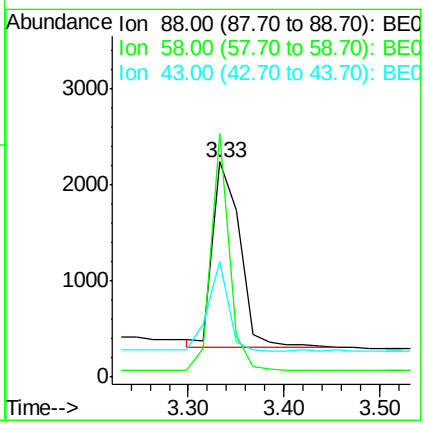


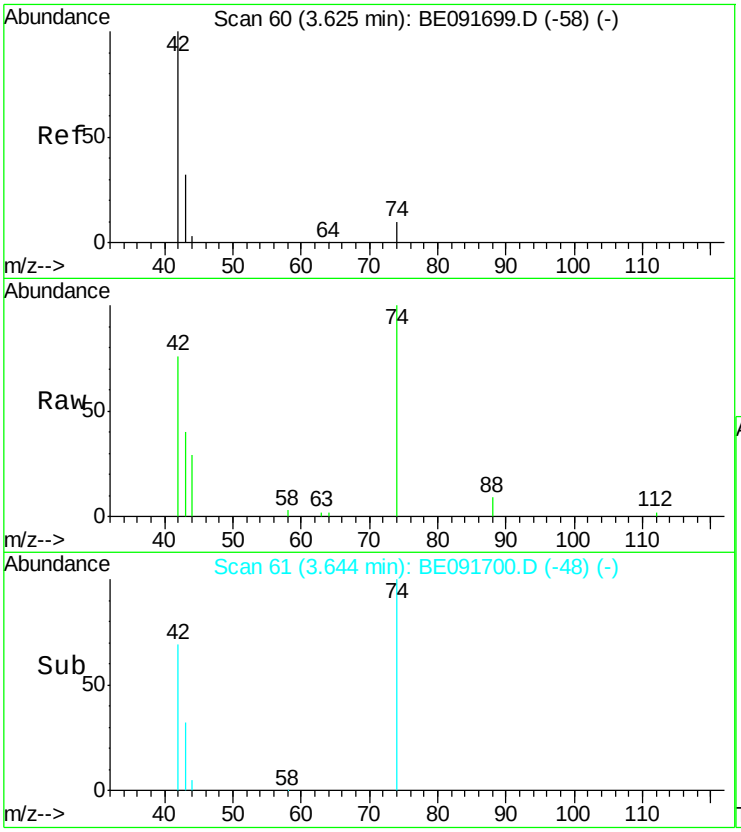


#2
1,4-Dioxane
Concen: 0.83 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion: 88 Resp: 3768

Ion	Ratio	Lower	Upper
88	100		
58	85.6	65.8	98.6
43	35.9	25.3	37.9



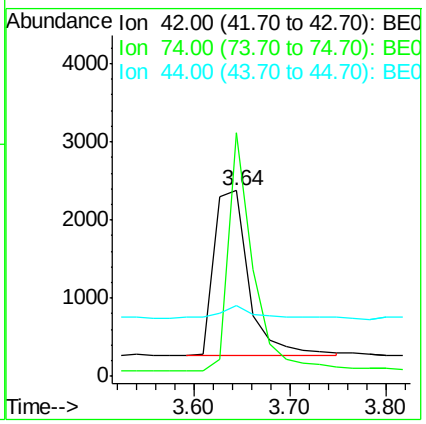


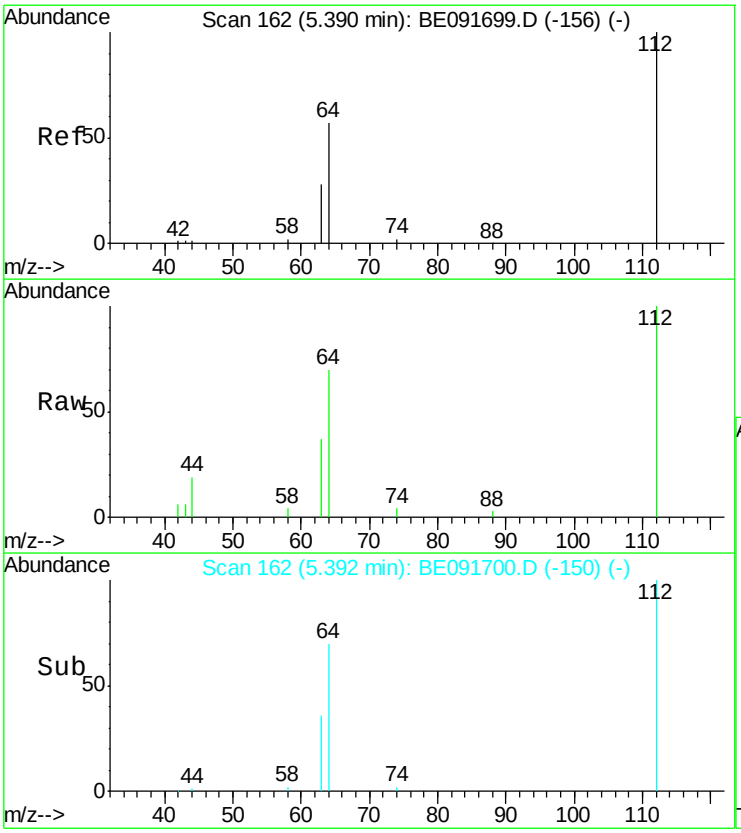
#3
n-Nitrosodimethylamine
Concen: 1.01 ng
RT: 3.64 min Scan# 61
Delta R.T. 0.02 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 5347

Ion	Ratio	Lower	Upper
42	100		
74	101.3	87.9	131.9
44	7.0	6.6	9.8

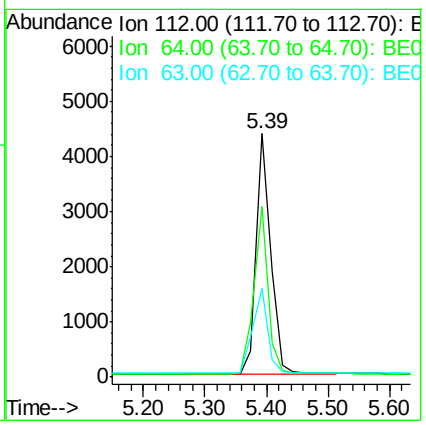


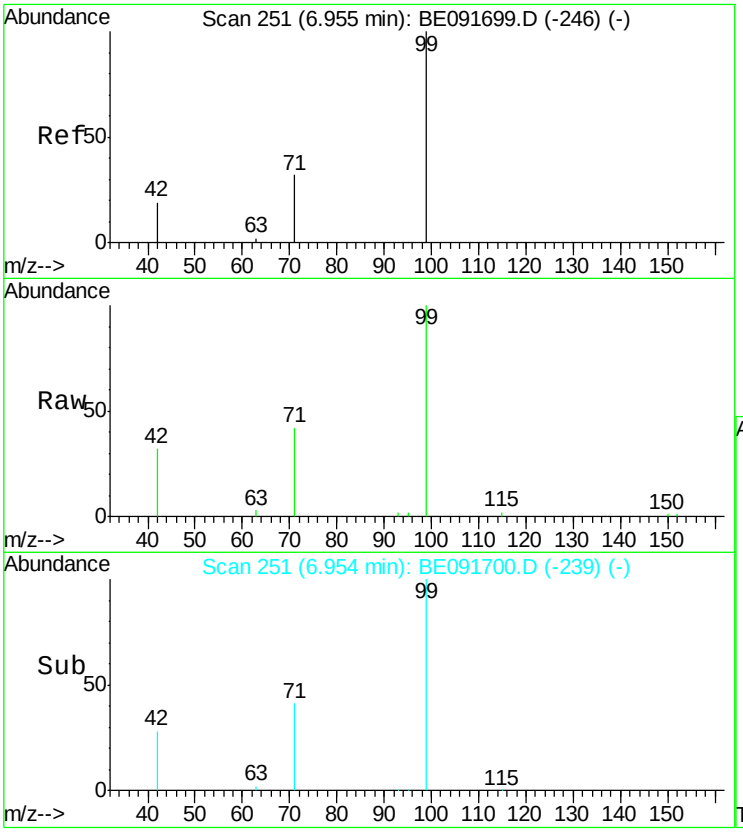


#4
2-Fluorophenol
Concen: 0.88 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:112 Resp: 7197

Ion	Ratio	Lower	Upper
112	100		
64	67.4	30.9	46.3#
63	36.4	16.7	25.1#



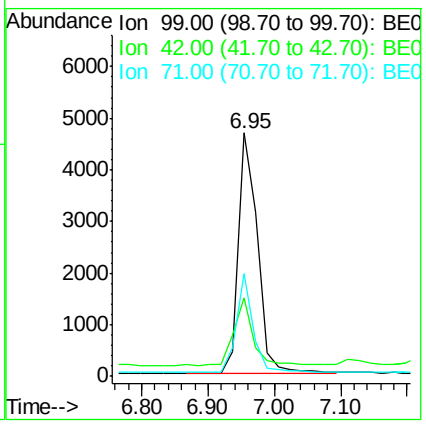


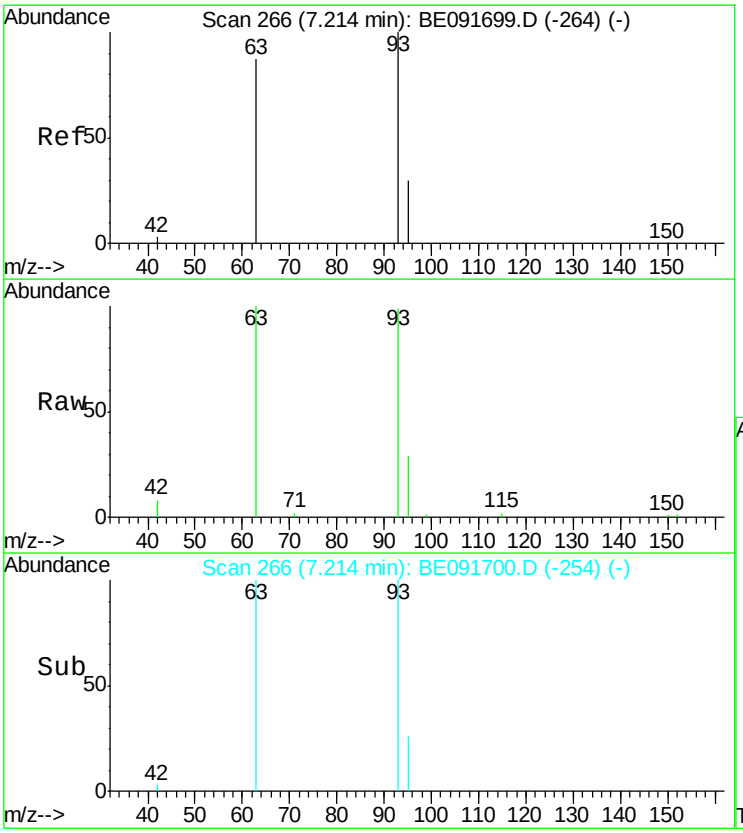
#5
Phenol-d6
Concen: 0.84 ng
RT: 6.95 min Scan# 251
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 9312

Ion	Ratio	Lower	Upper
99	100		
42	27.3	16.2	24.2#
71	36.3	29.0	43.4

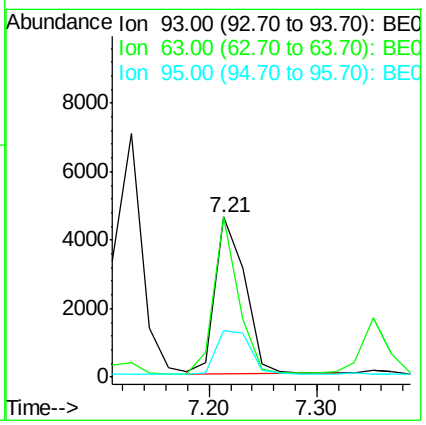


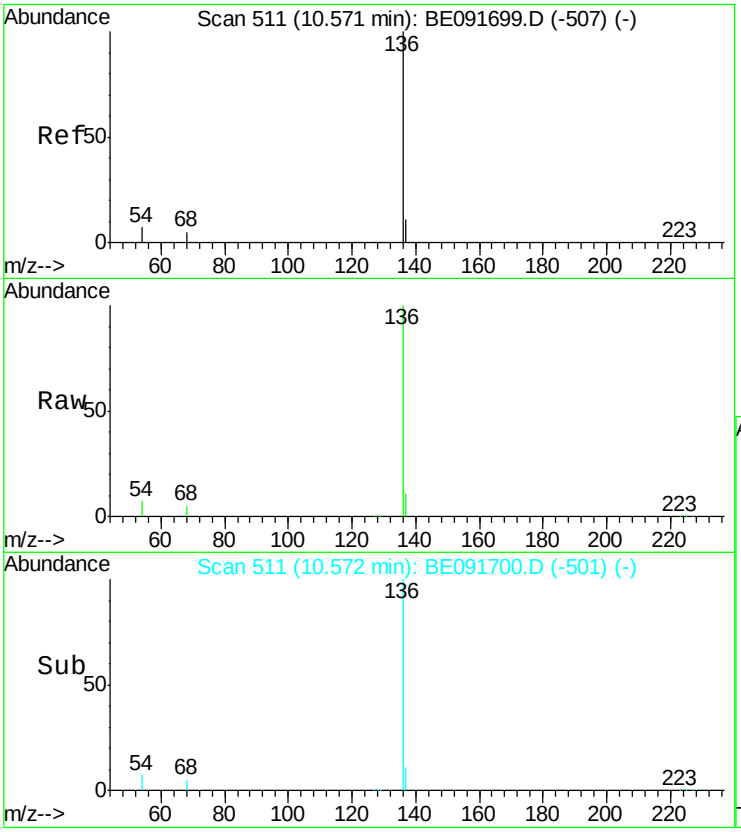


#6
bis(2-Chloroethyl)ether
Concen: 0.88 ng
RT: 7.21 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion: 93 Resp: 8717

Ion	Ratio	Lower	Upper
93	100		
63	84.0	49.5	74.3#
95	31.8	22.2	33.4



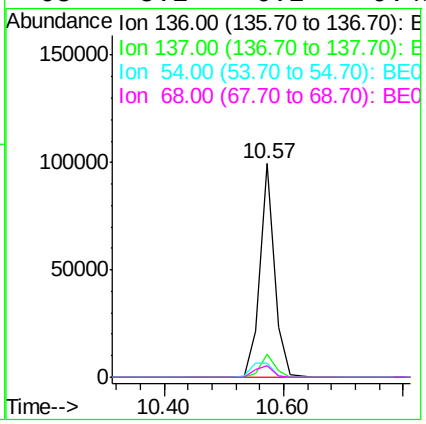


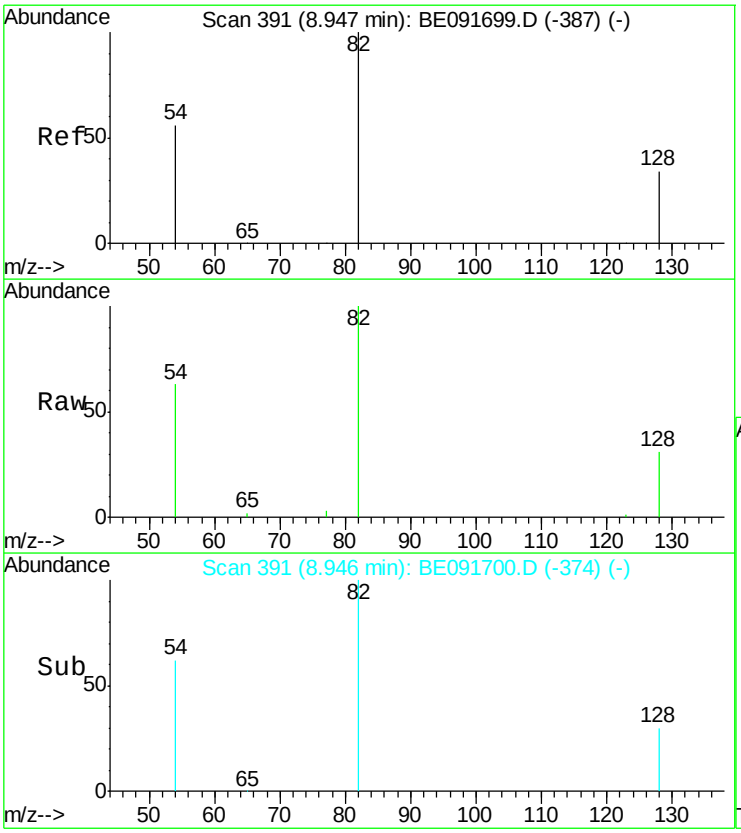
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 168191

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	8.2	12.4#
68	5.2	6.2	9.4#

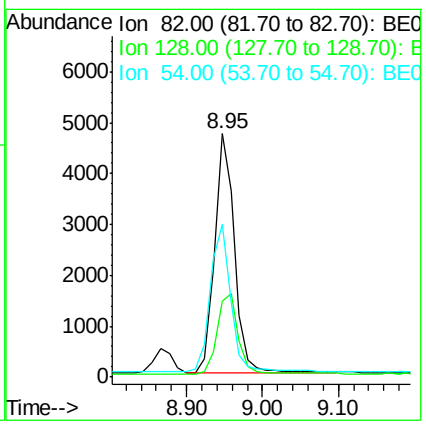


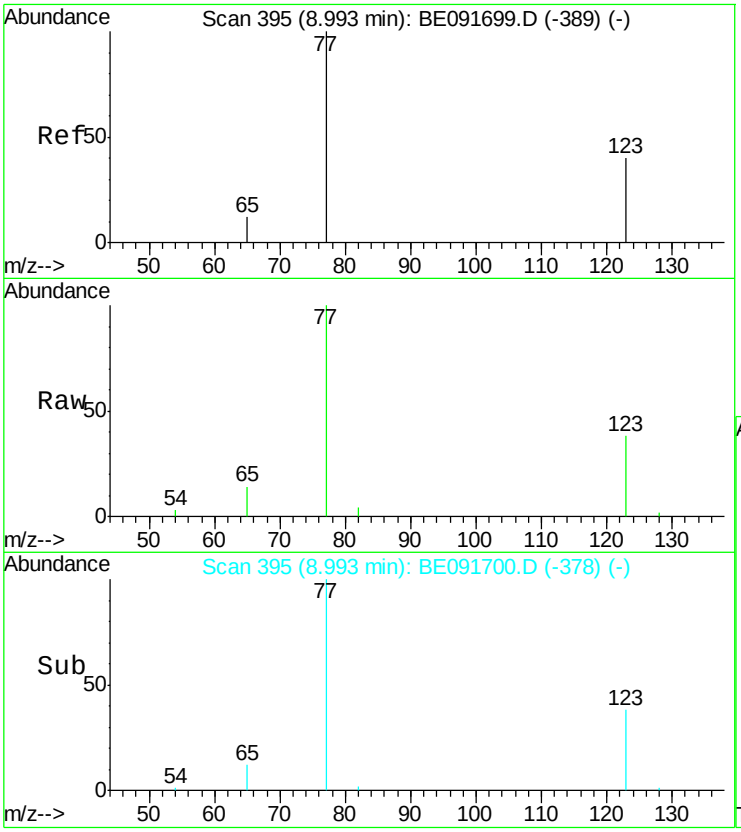


#8
Nitrobenzene-d5
Concen: 0.95 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion: 82 Resp: 8531

Ion	Ratio	Lower	Upper
82	100		
128	31.4	25.4	38.0
54	62.9	48.4	72.6



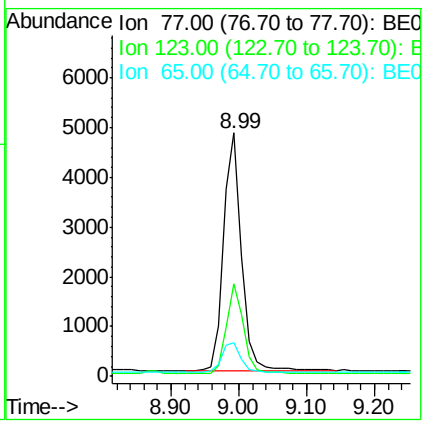


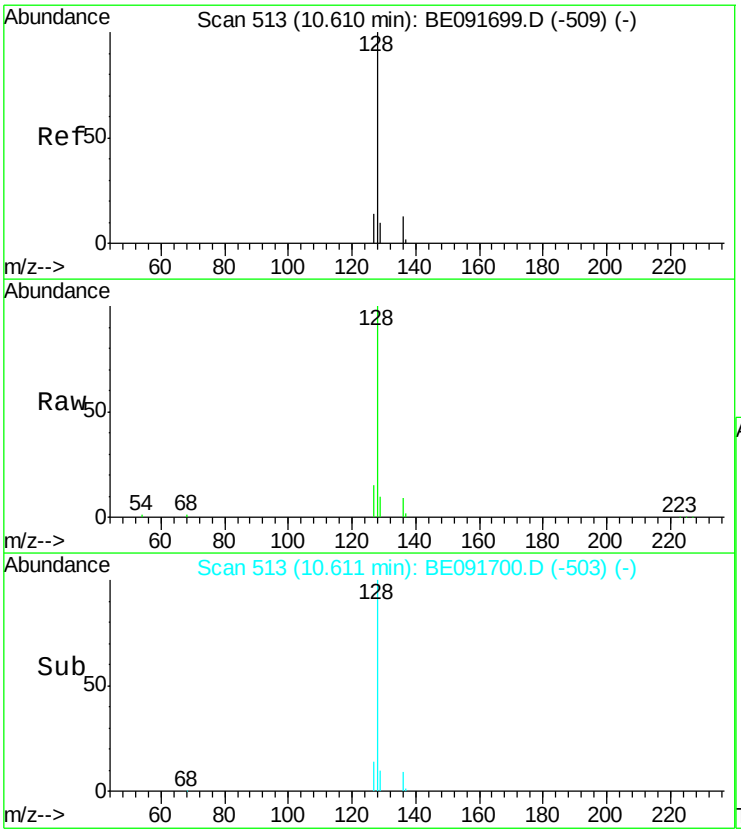
#9
Nitrobenzene
Concen: 0.99 ng
RT: 8.99 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 77 Resp: 8884

Ion	Ratio	Lower	Upper
77	100		
123	36.1	26.9	40.3
65	13.4	9.4	14.2

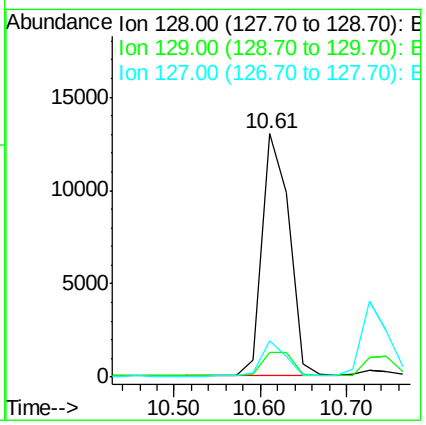


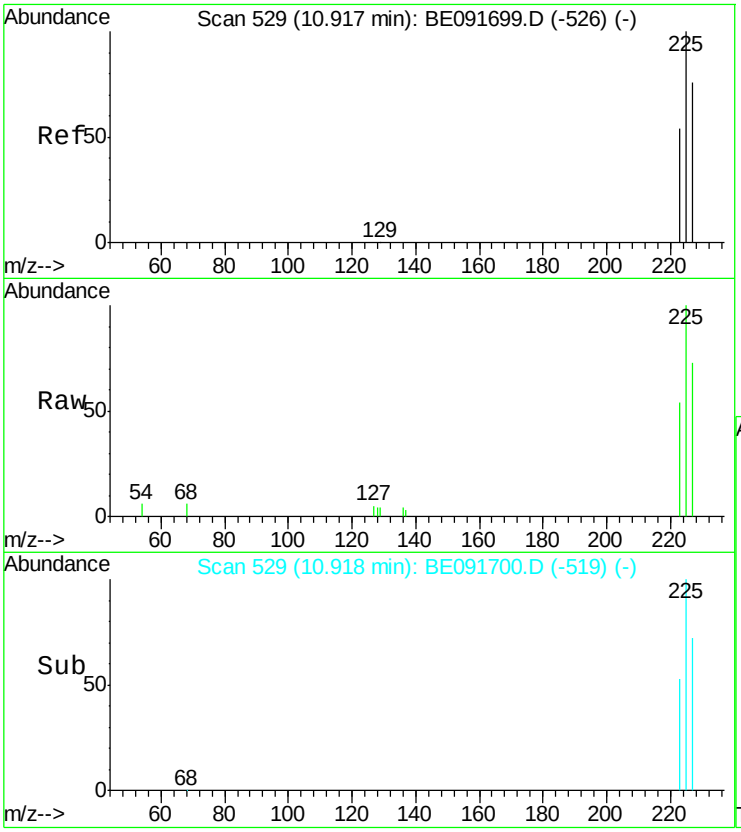


#10
Naphthalene
Concen: 0.82 ng
RT: 10.61 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:128 Resp: 28269

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.3	13.9
127	14.7	10.7	16.1



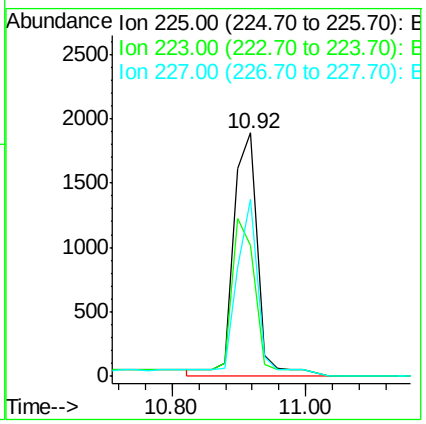


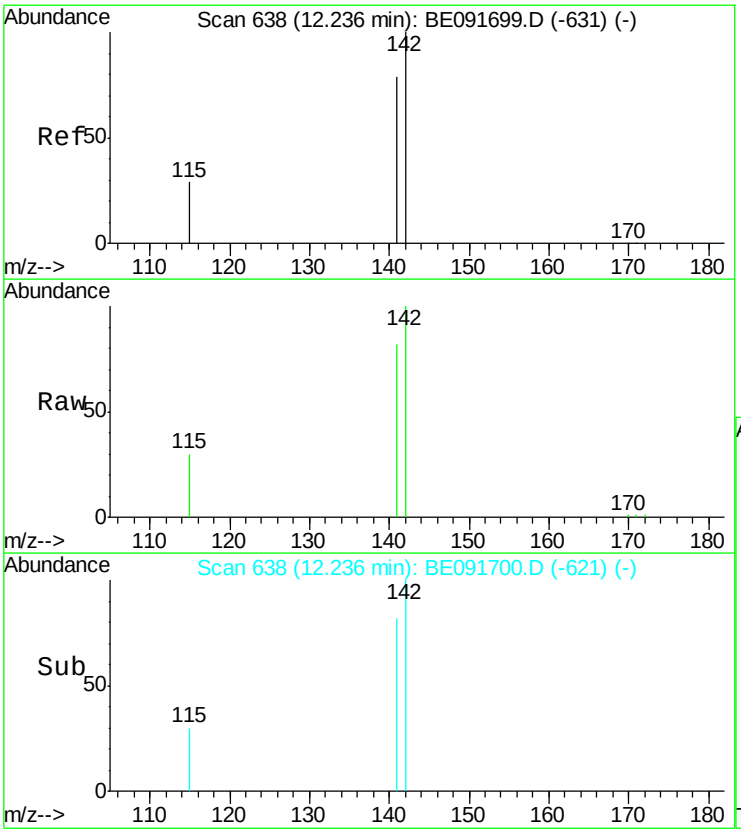
#11
Hexachlorobutadiene
Concen: 1.00 ng
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:225 Resp: 4898

Ion	Ratio	Lower	Upper
225	100		
223	67.2	49.0	73.6
227	65.1	50.3	75.5

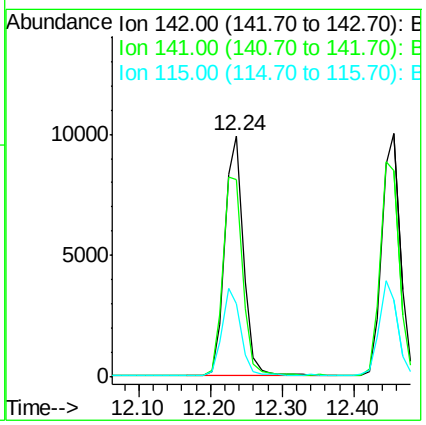


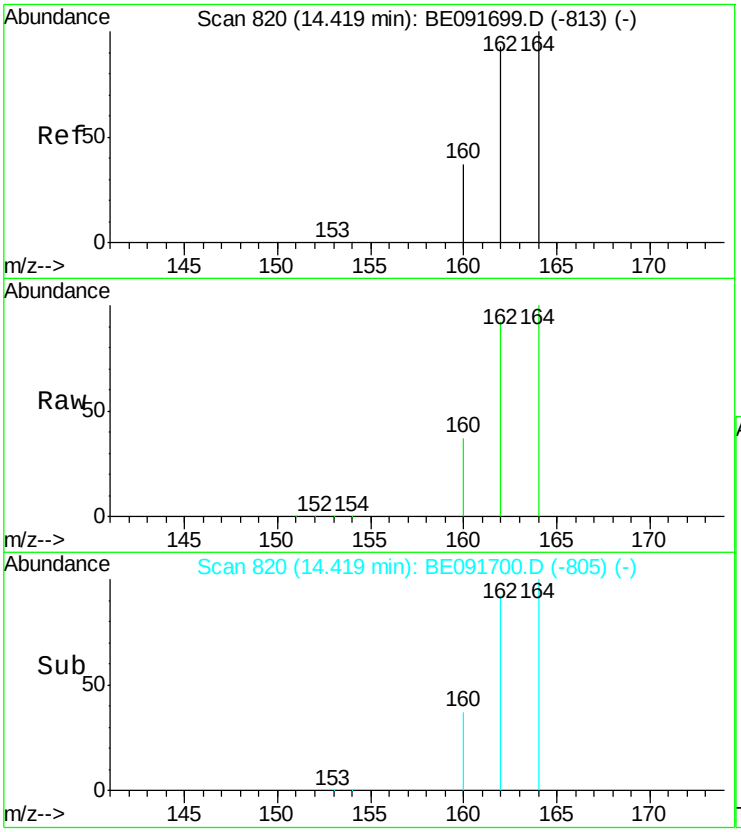


#12
2-Methylnaphthalene
Concen: 0.81 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:142 Resp: 17798

Ion	Ratio	Lower	Upper
142	100		
141	82.0	71.4	107.0
115	30.5	30.3	45.5



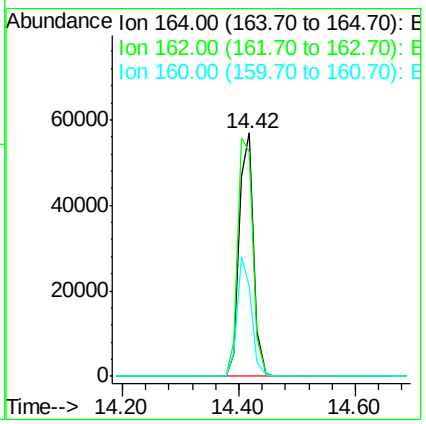


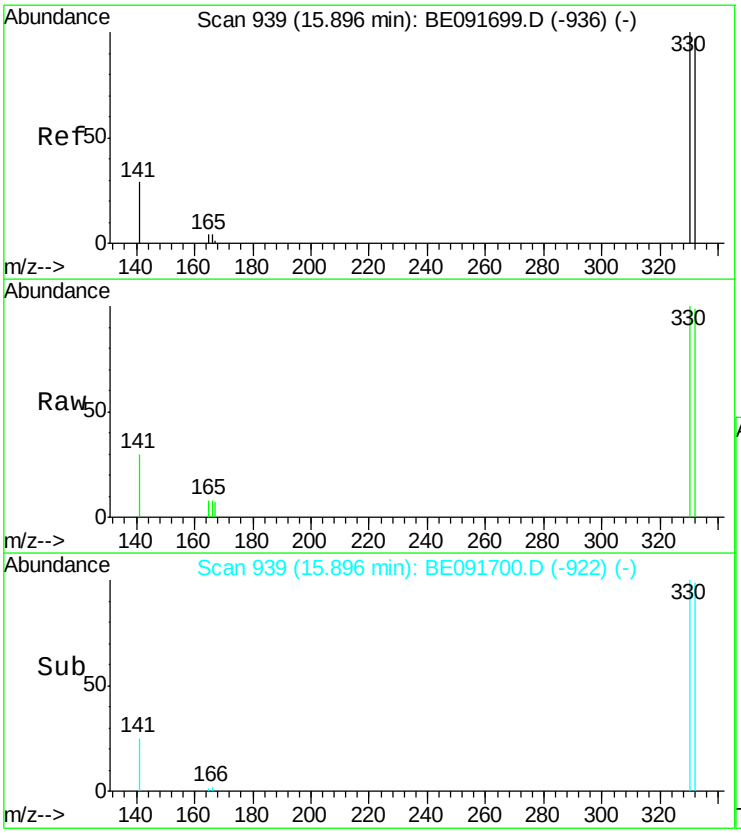
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 97668

Ion	Ratio	Lower	Upper
164	100		
162	92.0	85.3	127.9
160	36.9	46.2	69.2#

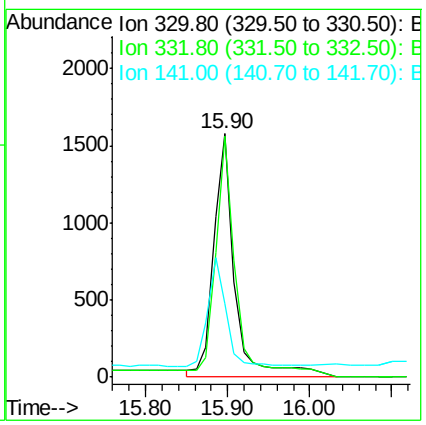


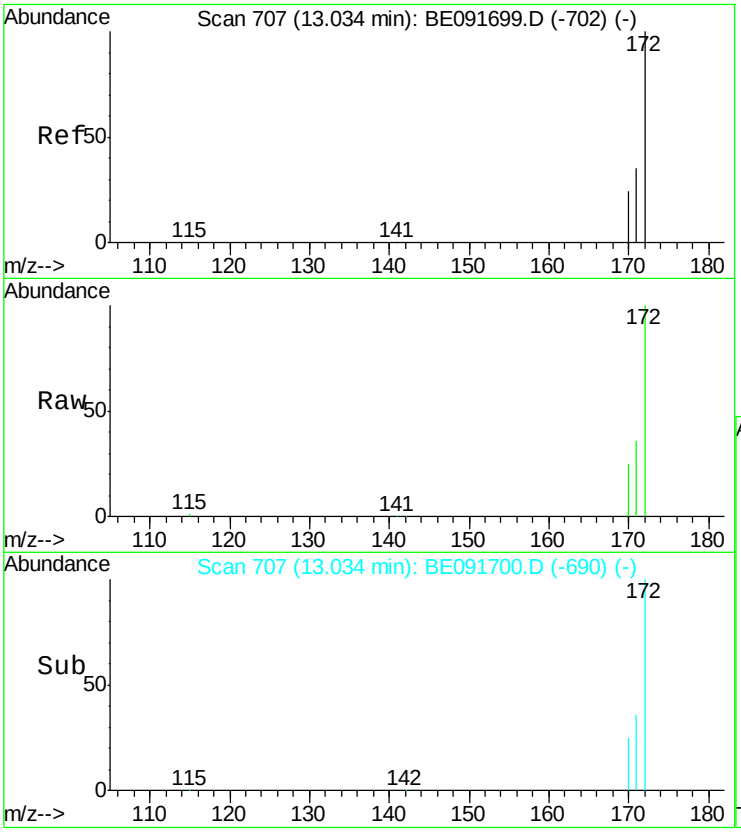


#14
2,4,6-Tribromophenol
Concen: 1.40 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:330 Resp: 3193

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	34.1	125.4	188.0#



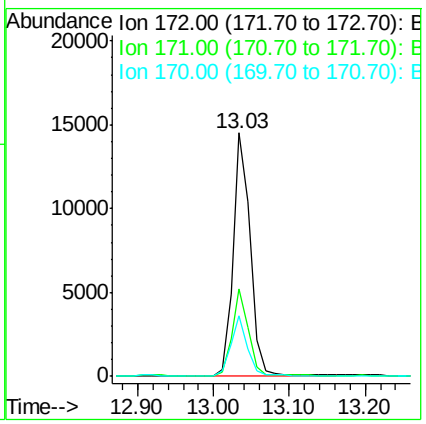


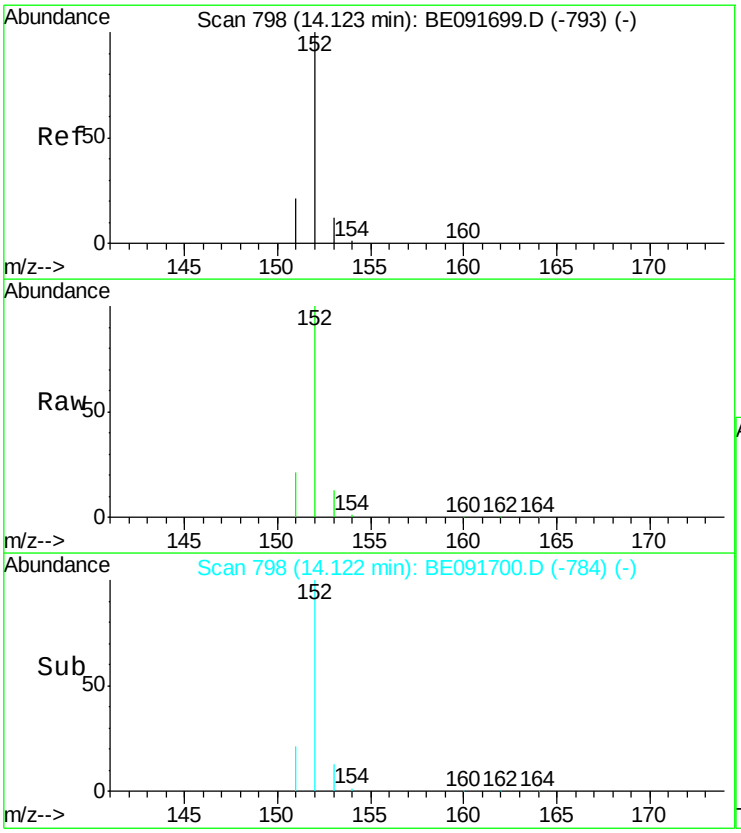
#15
2-Fluorobiphenyl
Concen: 0.85 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 22852

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	24.9	19.3	28.9

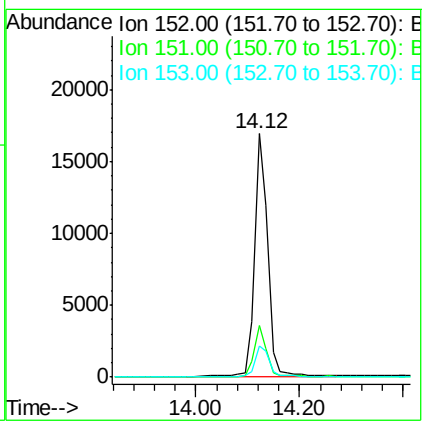


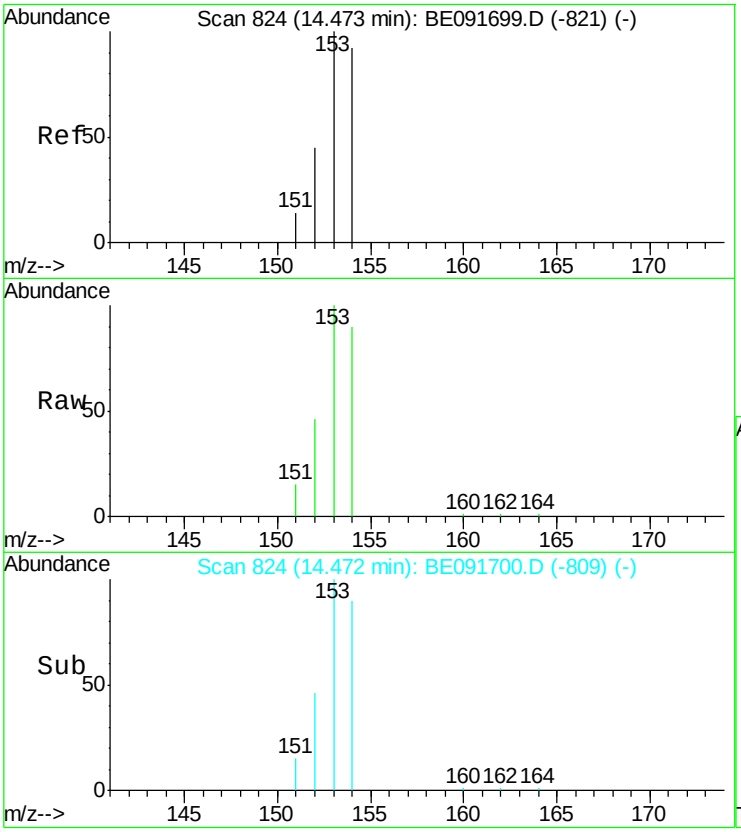


#16
Acenaphthylene
Concen: 0.82 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:152 Resp: 32035

Ion	Ratio	Lower	Upper
152	100		
151	18.0	3.9	5.9#
153	15.6	10.3	15.5#



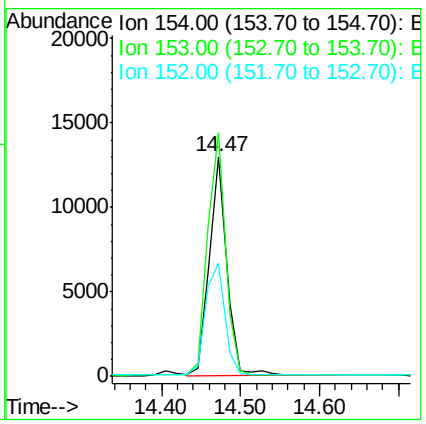


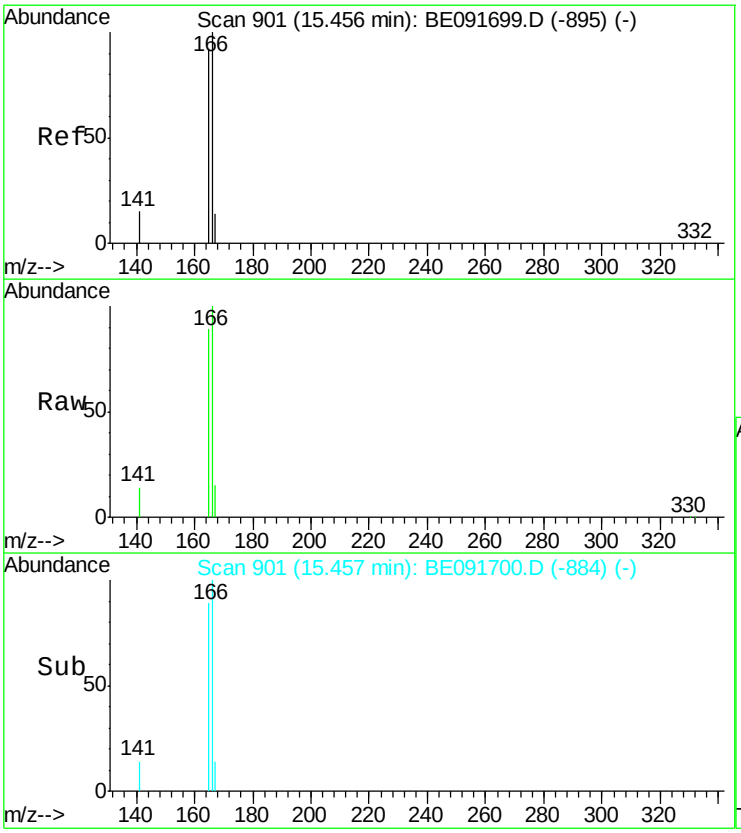
#17
Acenaphthene
Concen: 0.83 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 19909

Ion	Ratio	Lower	Upper
154	100		
153	113.4	80.0	120.0
152	56.6	40.0	60.0

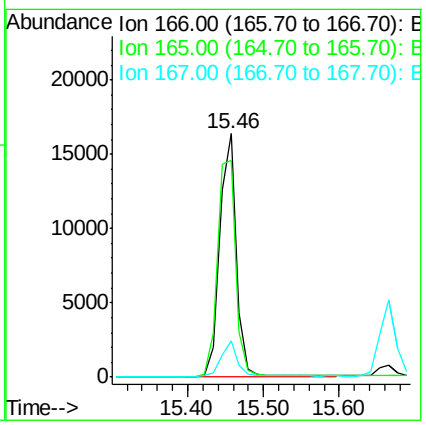


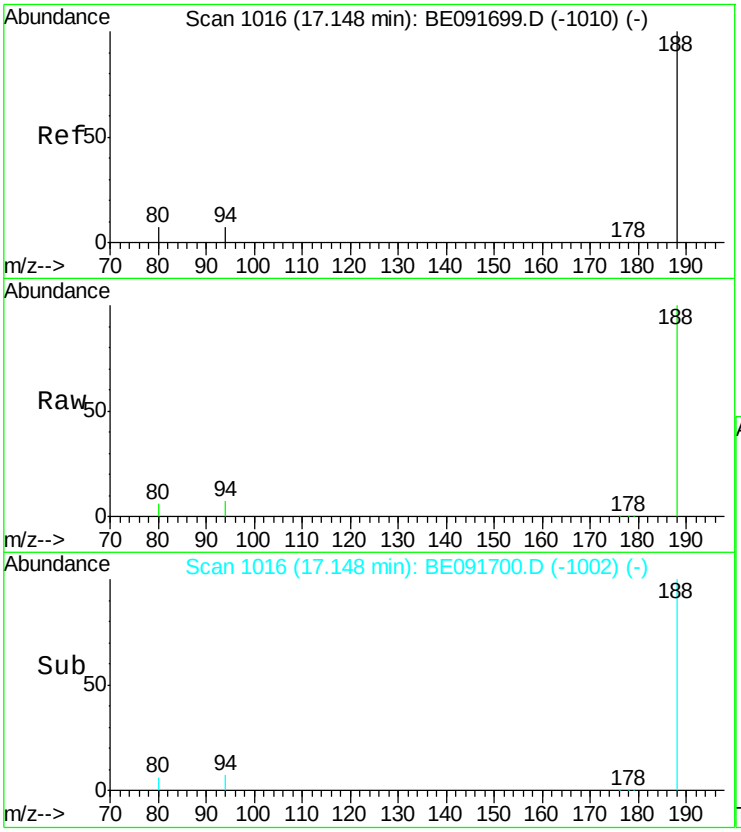


#18
Fluorene
Concen: 0.84 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:166 Resp: 25188

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.8	121.2
167	13.5	10.9	16.3



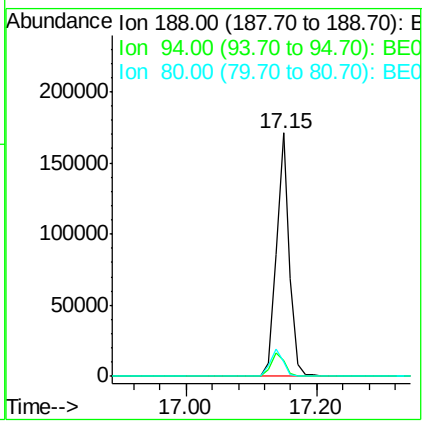


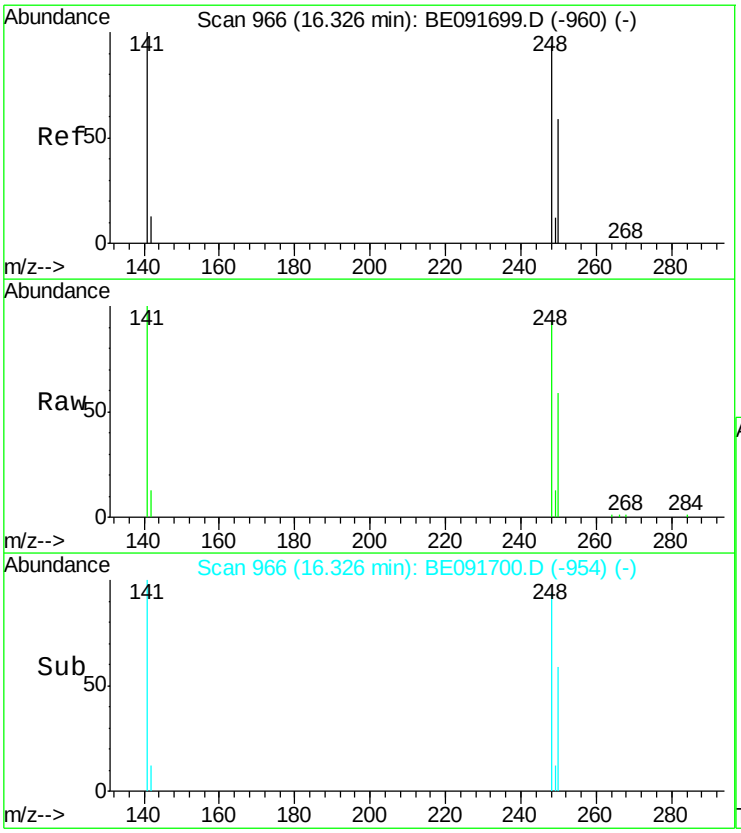
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 265845

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.7	13.1#
80	5.9	9.4	14.0#

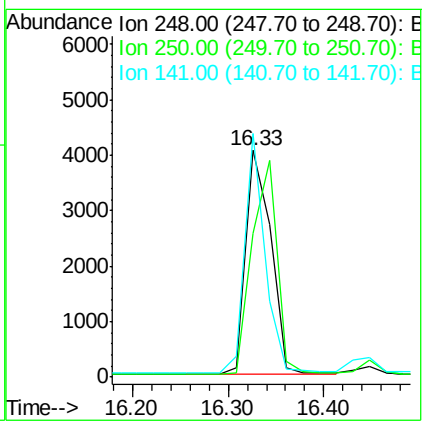


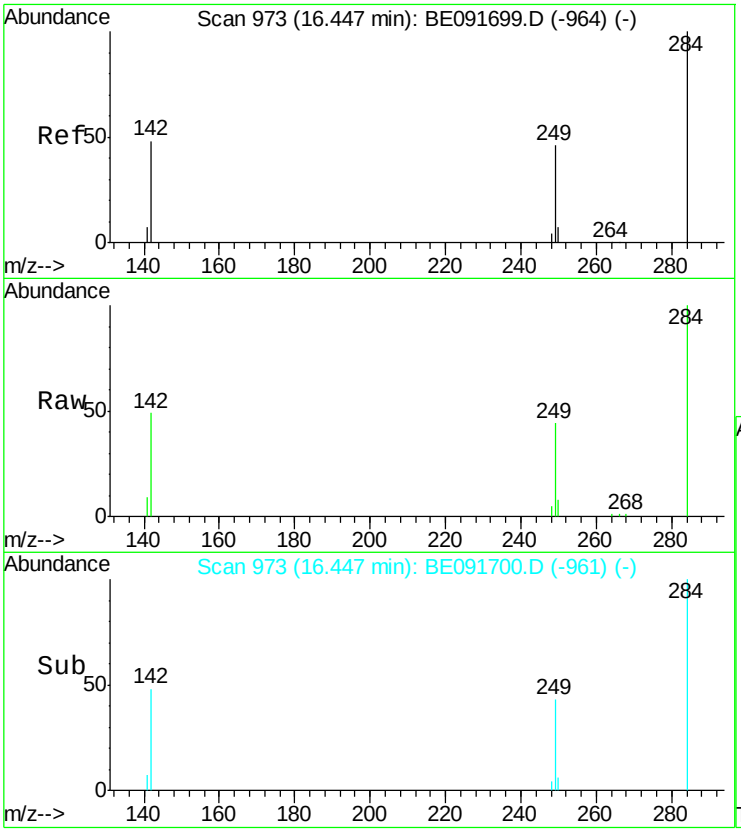


#20
4-Bromophenyl-phenylether
Concen: 0.81 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:248 Resp: 7313

Ion	Ratio	Lower	Upper
248	100		
250	95.6	80.5	120.7
141	85.3	72.0	108.0



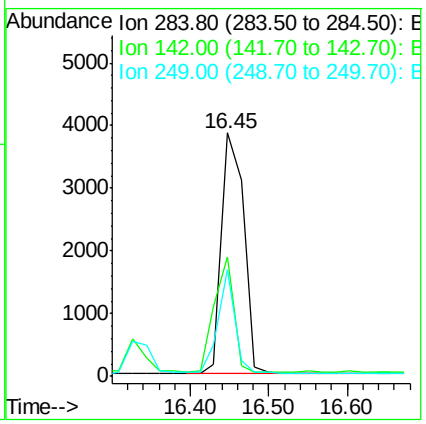


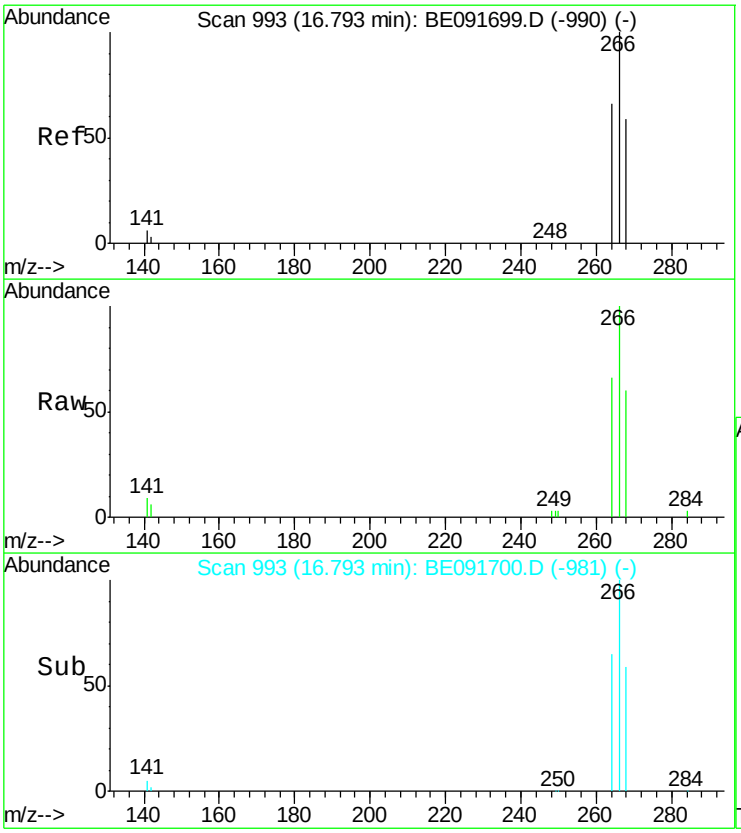
#21
Hexachlorobenzene
Concen: 0.77 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 7463

Ion	Ratio	Lower	Upper
284	100		
142	41.8	32.2	48.2
249	32.3	25.4	38.2

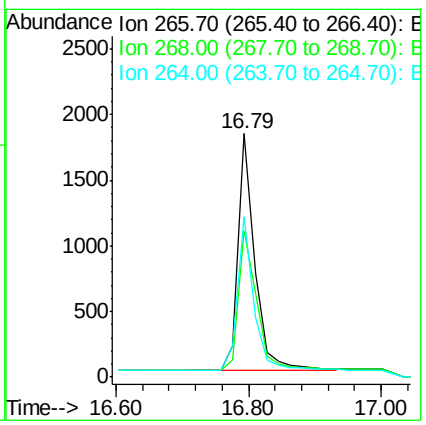


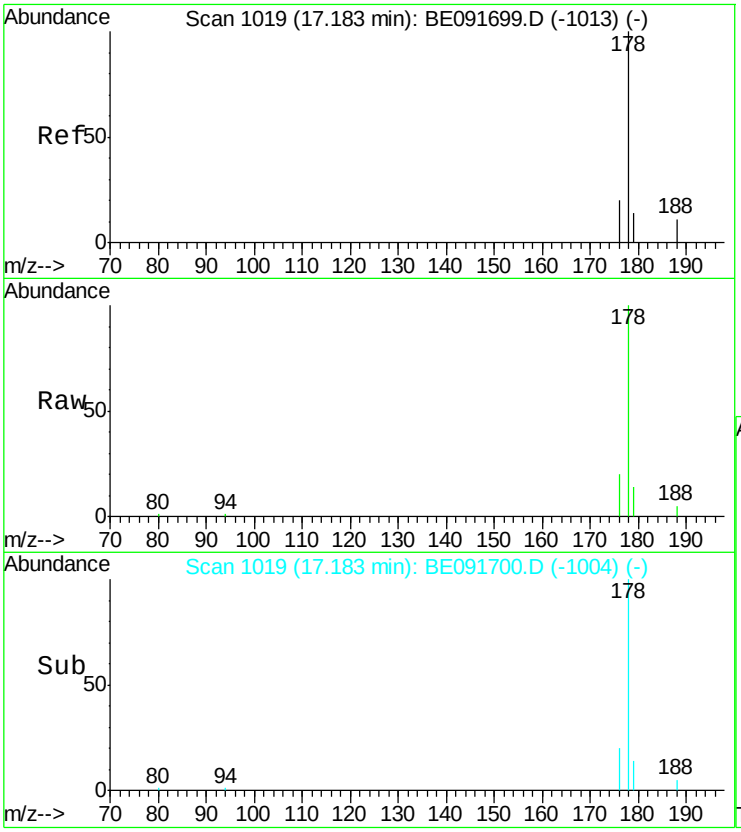


#22
Pentachlorophenol
Concen: 1.00 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:266 Resp: 3182

Ion	Ratio	Lower	Upper
266	100		
268	60.2	58.2	87.2
264	66.1	56.2	84.4



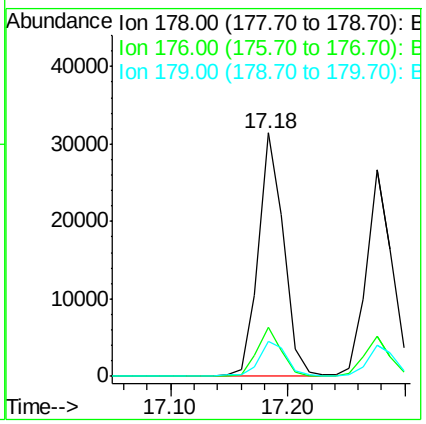


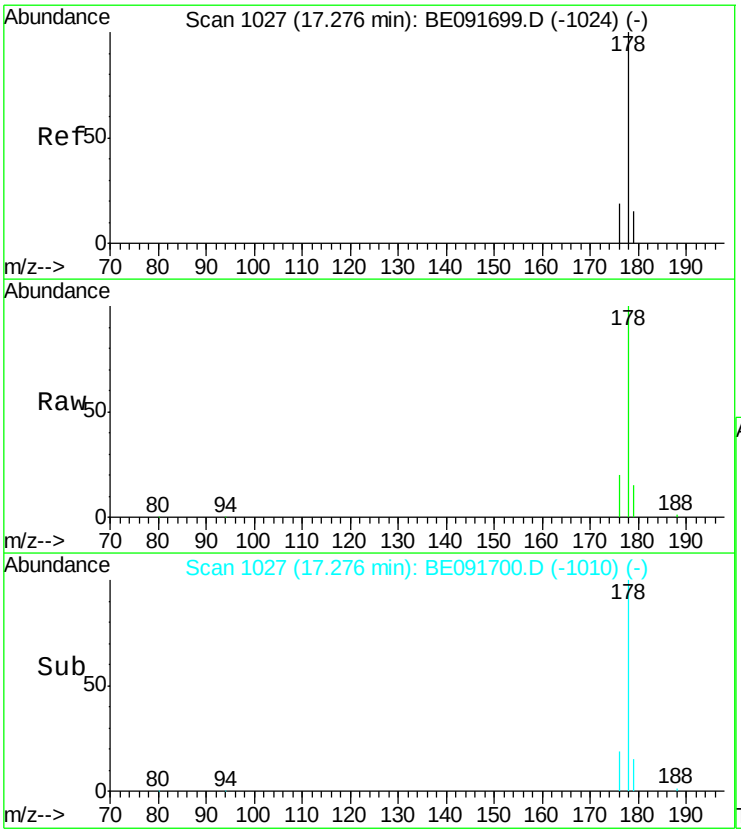
#23
Phenanthrene
Concen: 0.79 ng
RT: 17.18 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 47057

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.6	18.8

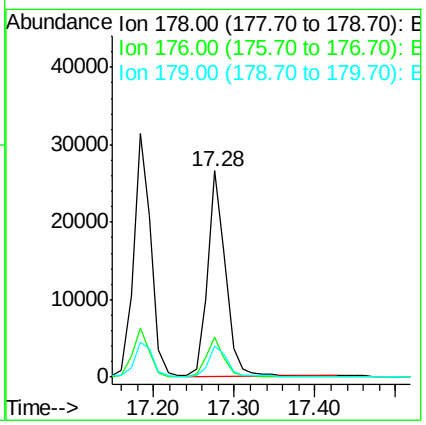


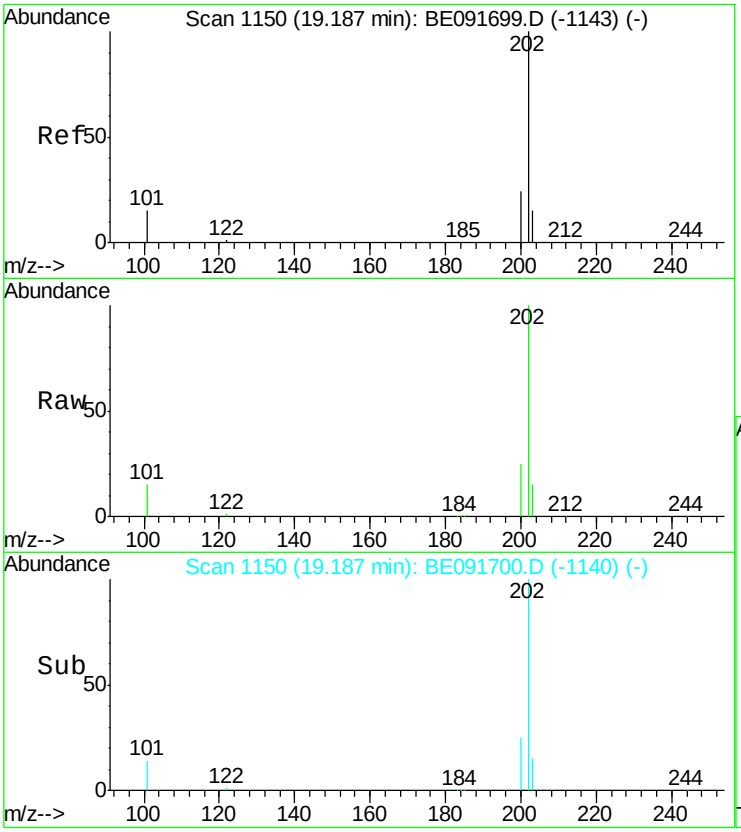


#24
Anthracene
Concen: 0.78 ng
RT: 17.28 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:178 Resp: 41306

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	15.3	11.8	17.6



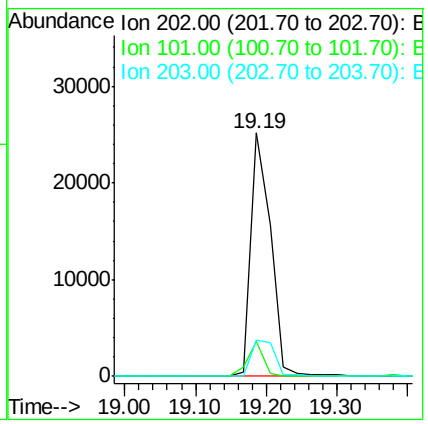


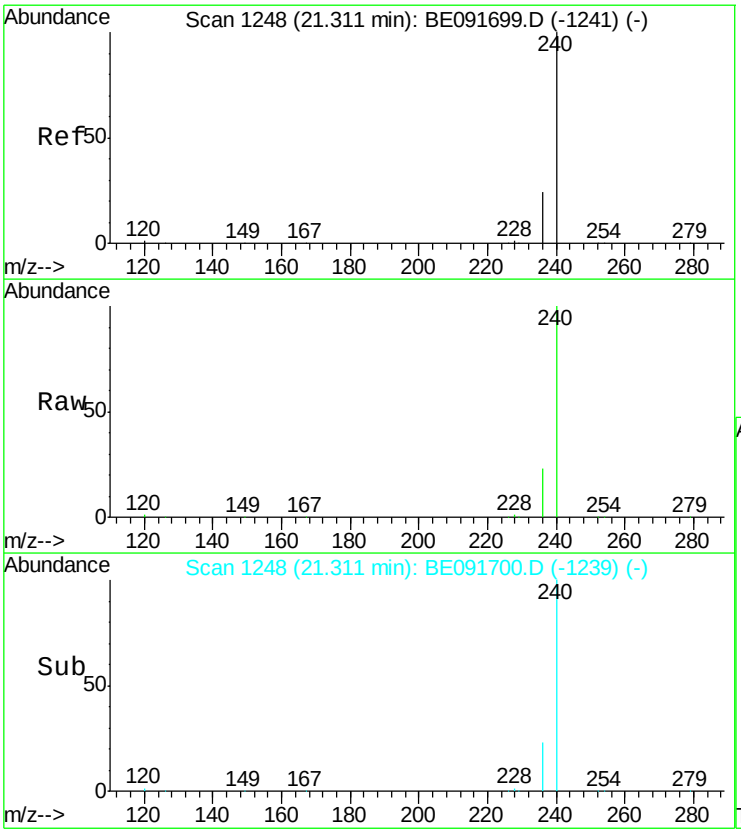
#25
Fluoranthene
Concen: 0.83 ng
RT: 19.19 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 49213

Ion	Ratio	Lower	Upper
202	100		
101	11.4	11.0	16.6
203	17.3	13.9	20.9

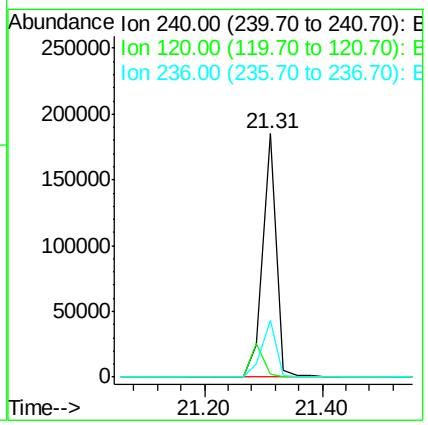


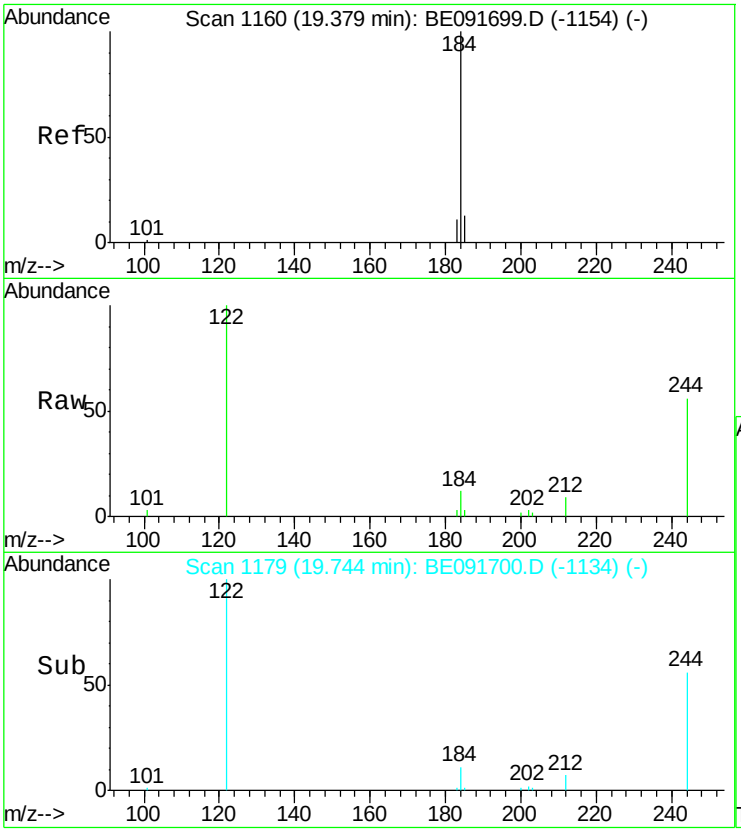


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:240 Resp: 300717

Ion	Ratio	Lower	Upper
240	100		
120	1.2	11.0	16.4#
236	23.4	21.7	32.5



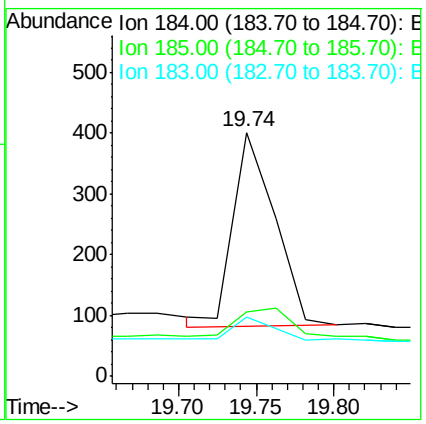


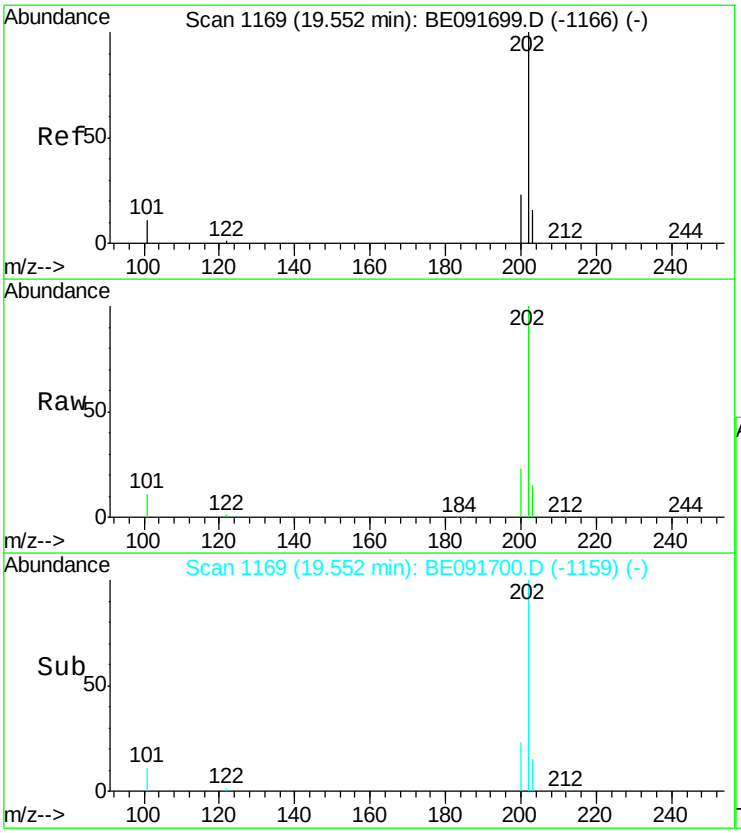
#27
Benzidine
Concen: 0.03 ng
RT: 19.74 min Scan# 1179
Delta R.T. 0.36 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:184 Resp: 601

Ion	Ratio	Lower	Upper
184	100		
185	26.4	22.3	33.5
183	24.4	16.4	24.6

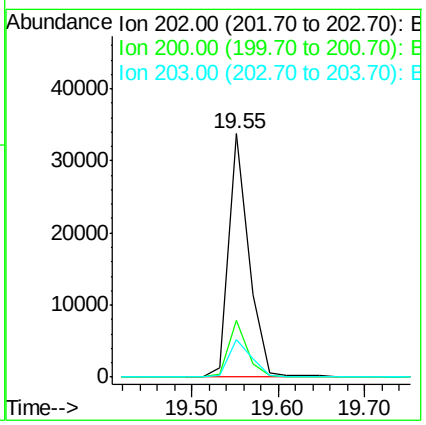


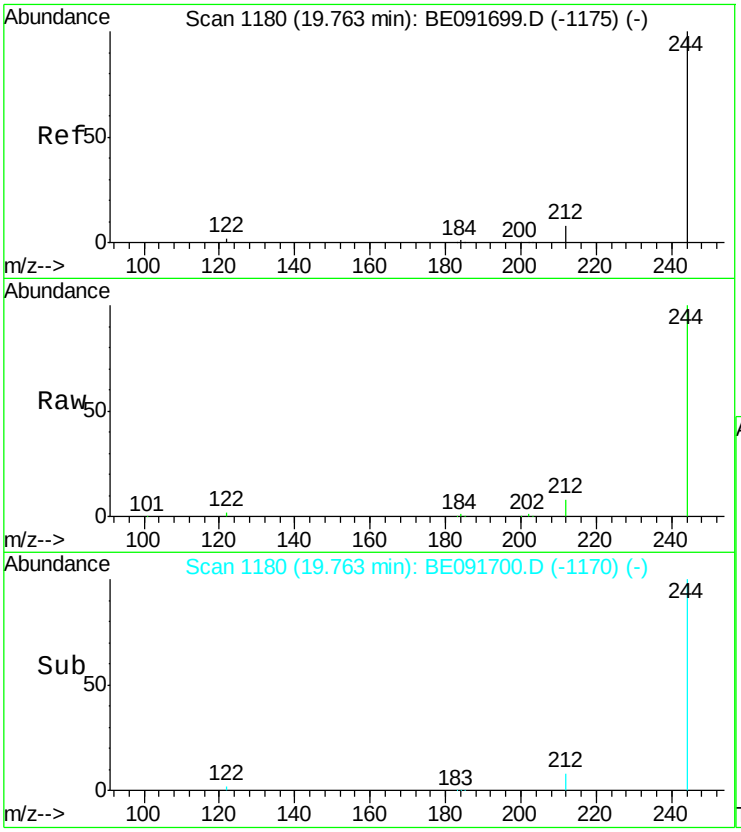


#28
Pyrene
Concen: 0.79 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:202 Resp: 54544

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.8	25.2
203	17.2	14.0	21.0



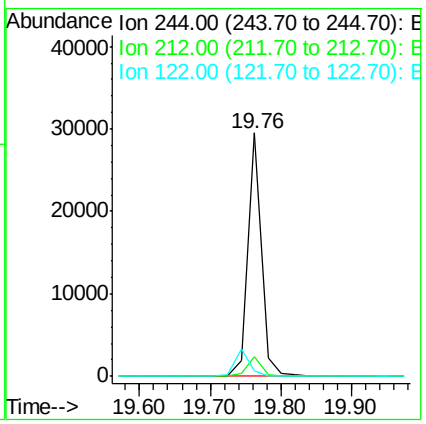


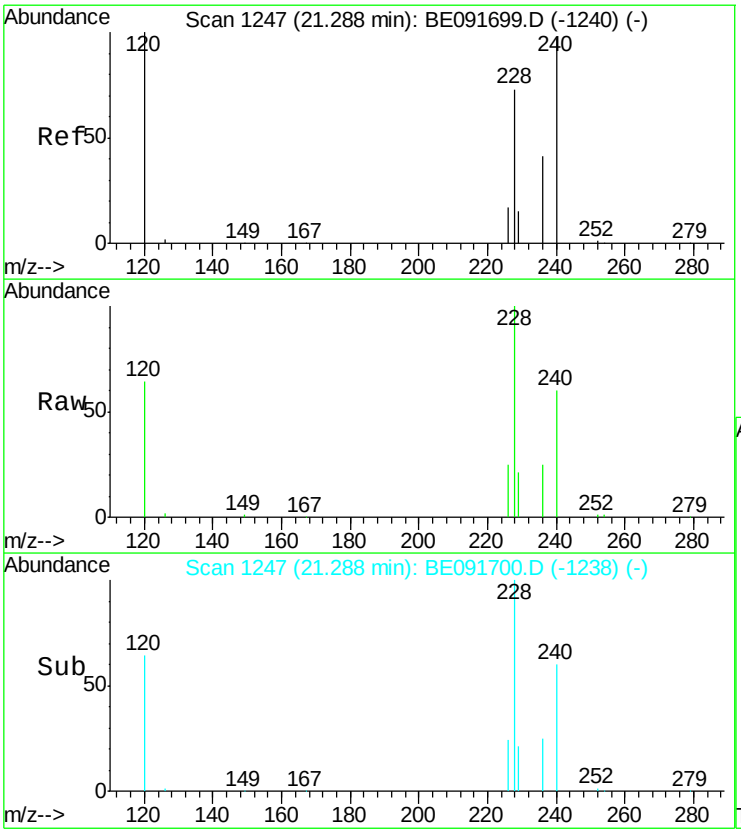
#29
Terphenyl-d14
Concen: 0.82 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 39102

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	2.2	11.0	16.4#

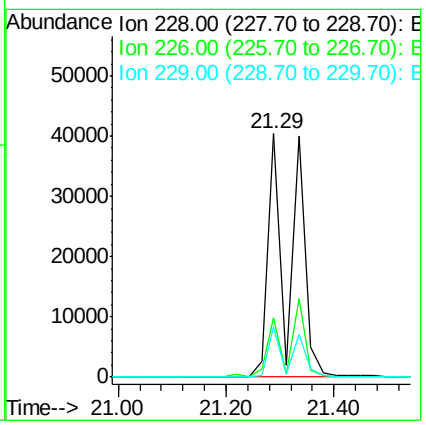


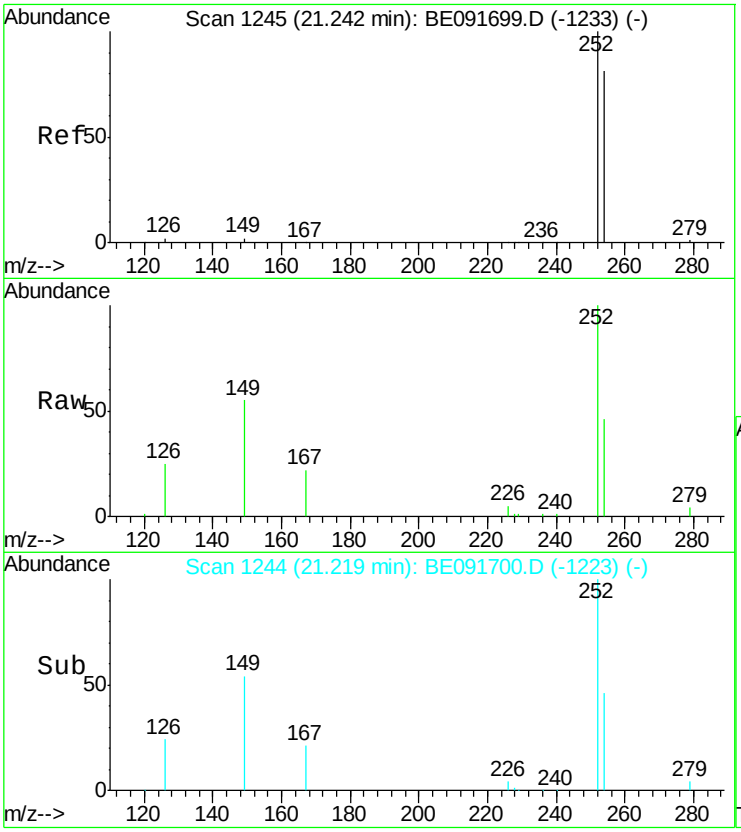


#30
Benzo(a)anthracene
Concen: 1.72 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:228 Resp: 125521

Ion	Ratio	Lower	Upper
228	100		
226	24.5	21.0	31.4
229	20.8	15.7	23.5



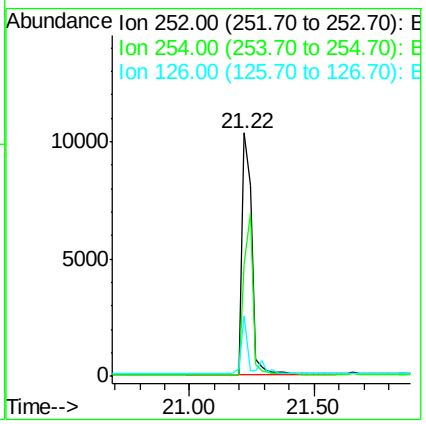


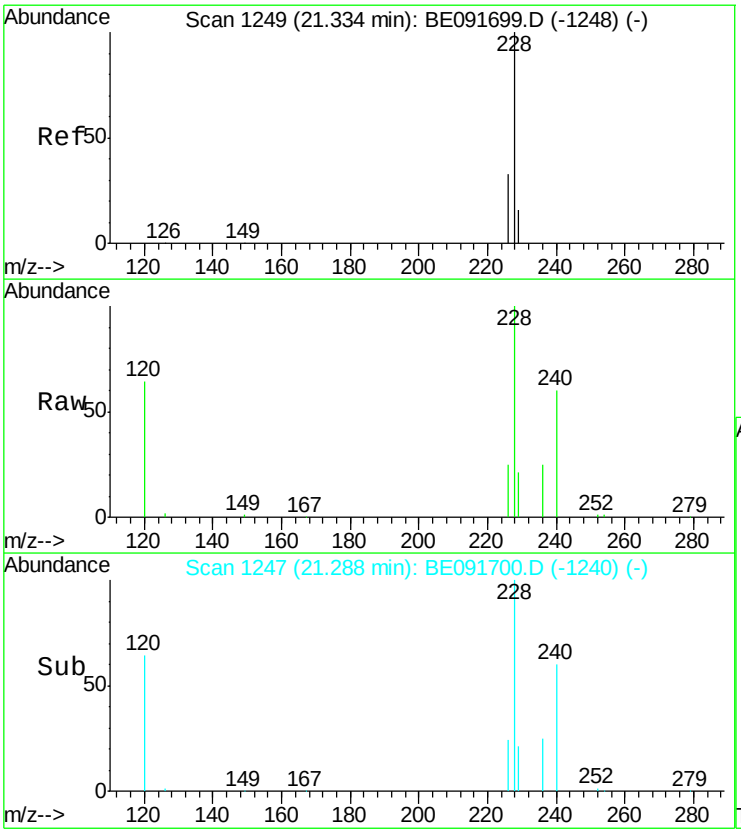
#31
3,3'-Dichlorobenzidine
Concen: 0.92 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 28202

Ion	Ratio	Lower	Upper
252	100		
254	46.1	51.1	76.7#
126	24.7	12.6	18.8#

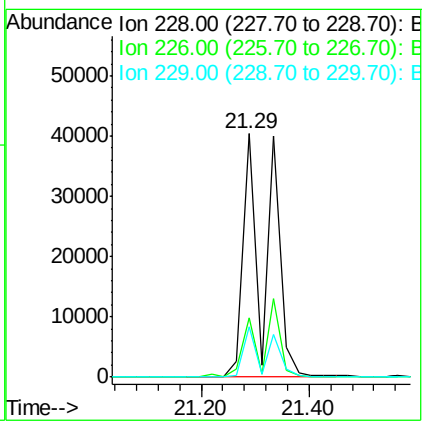


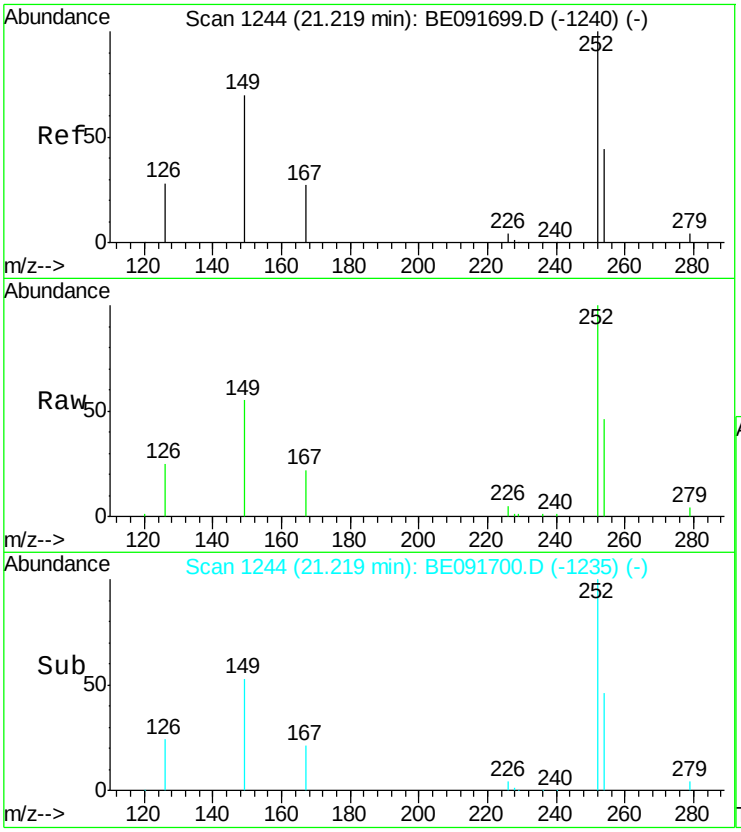


#32
Chrysene
Concen: 1.58 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:228 Resp: 126025

Ion	Ratio	Lower	Upper
228	100		
226	24.5	24.0	36.0
229	20.8	15.9	23.9



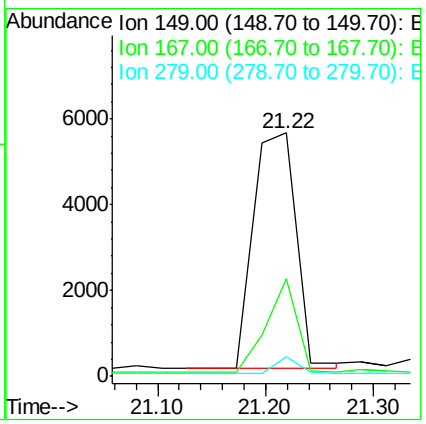


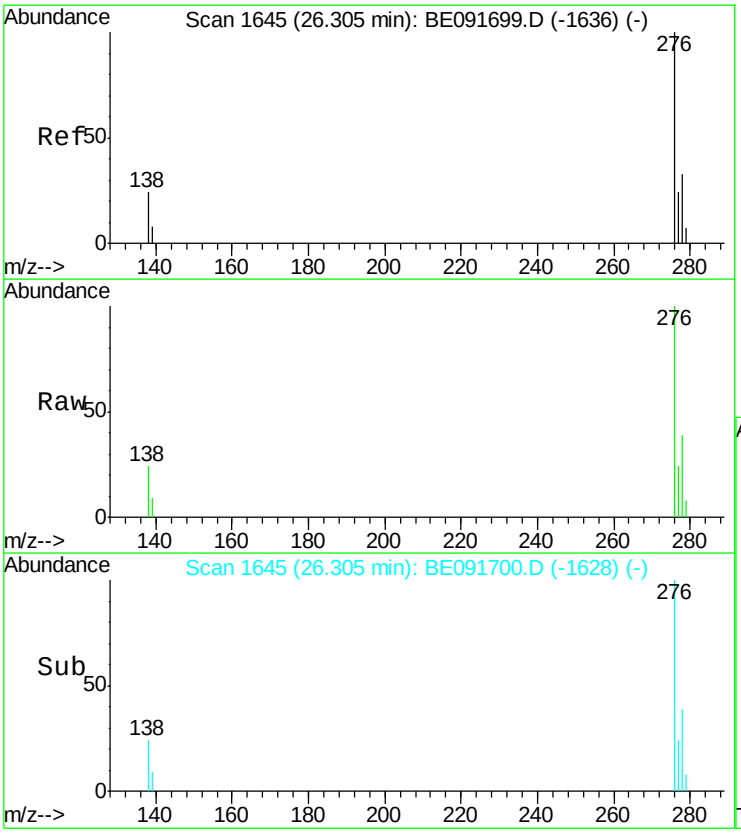
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.08 ng
RT: 21.22 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 15184

Ion	Ratio	Lower	Upper
149	100		
167	28.6	19.5	29.3
279	4.1	10.0	15.0#

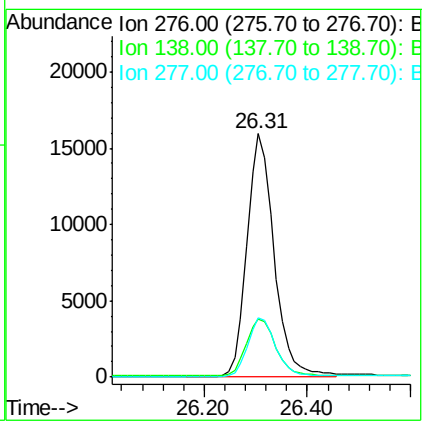


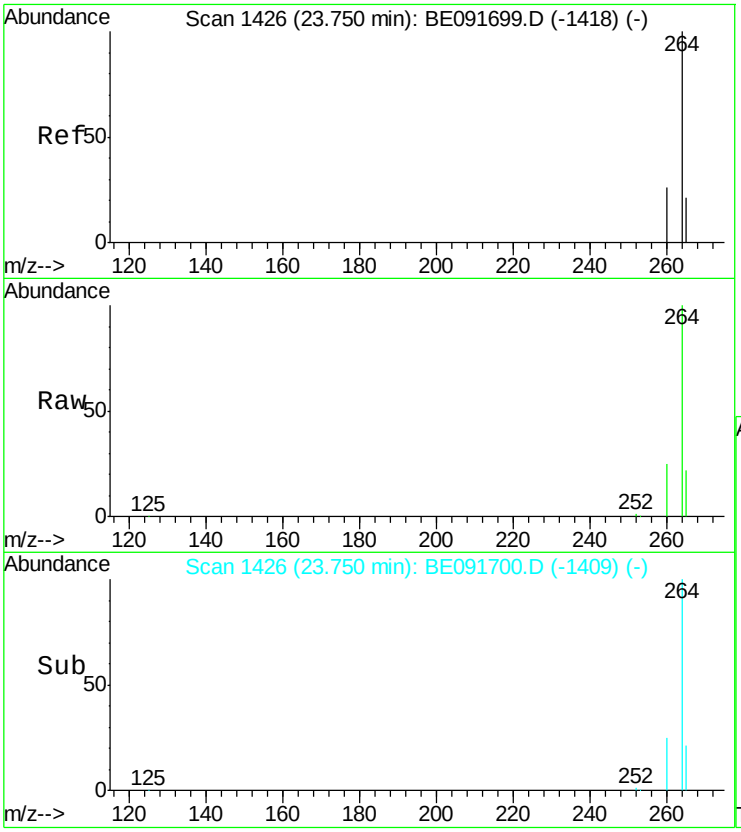


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.81 ng
RT: 26.31 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:276 Resp: 57780

Ion	Ratio	Lower	Upper
276	100		
138	25.7	23.4	35.2
277	24.8	19.8	29.8



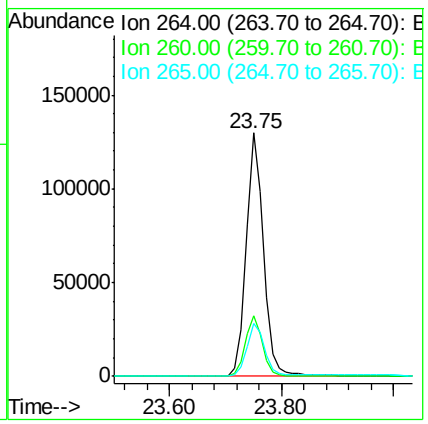


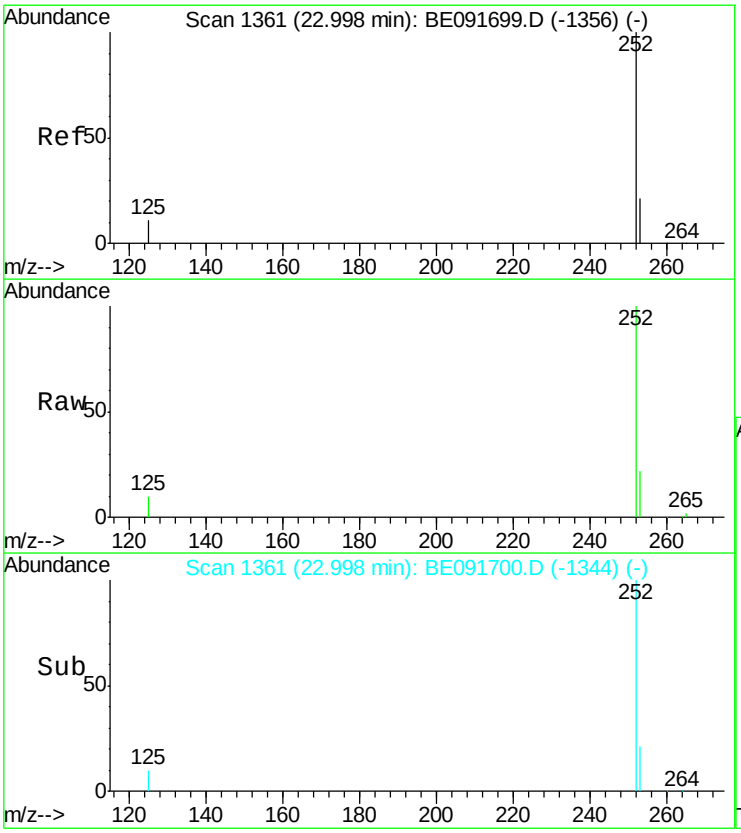
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 280257

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.6	17.5	26.3

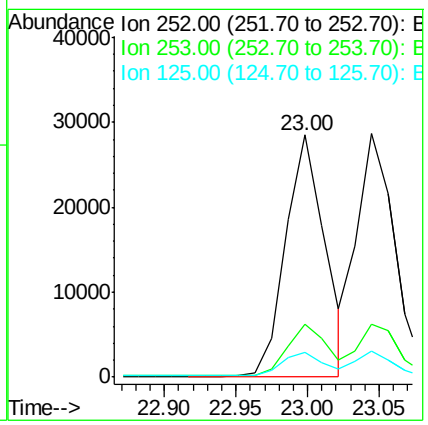


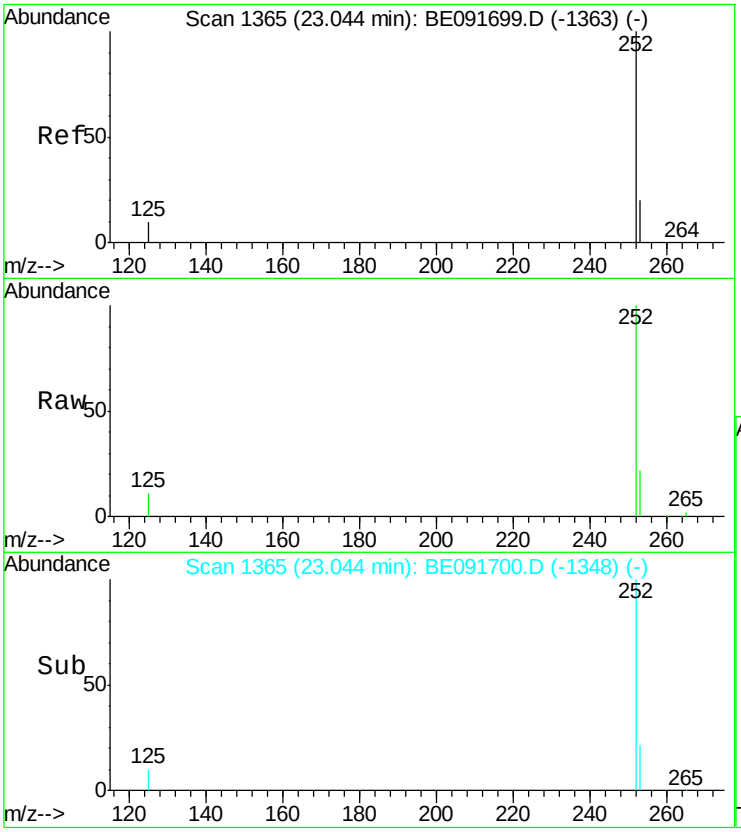


#36
Benzo(b)fluoranthene
Concen: 0.80 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:252 Resp: 53659

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.5	10.2	15.2



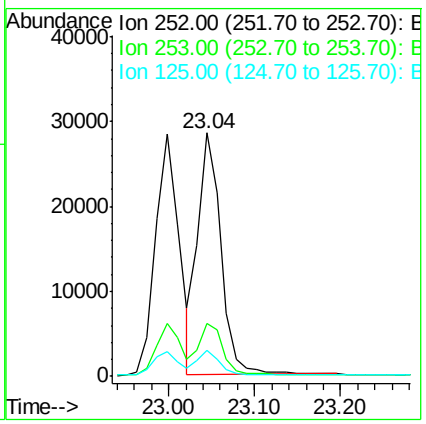


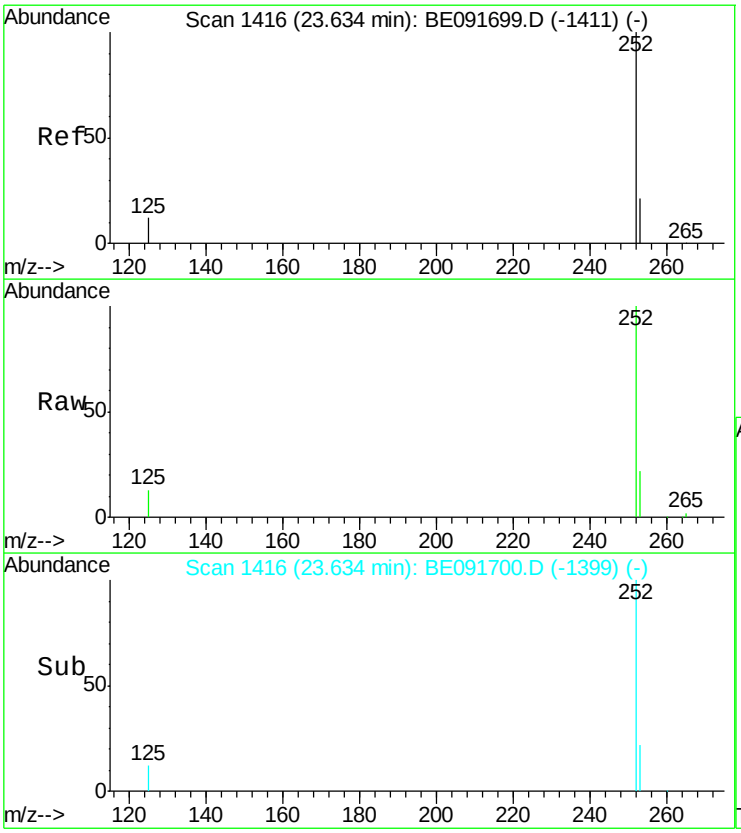
#37
Benzo(k)fluoranthene
Concen: 0.80 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 53137

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.7	9.9	14.9

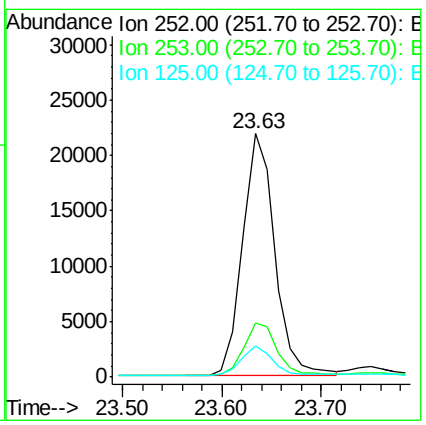


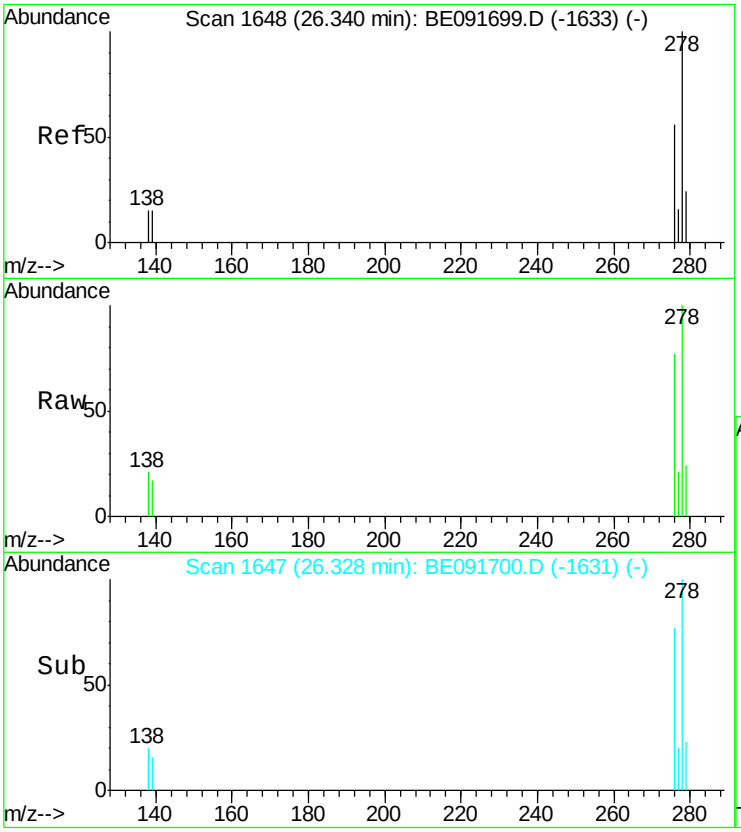


#38
Benzo(a)pyrene
Concen: 0.84 ng
RT: 23.63 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:252 Resp: 48967

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.6	11.0	16.4



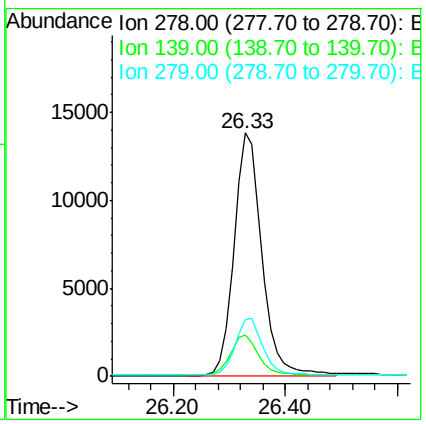


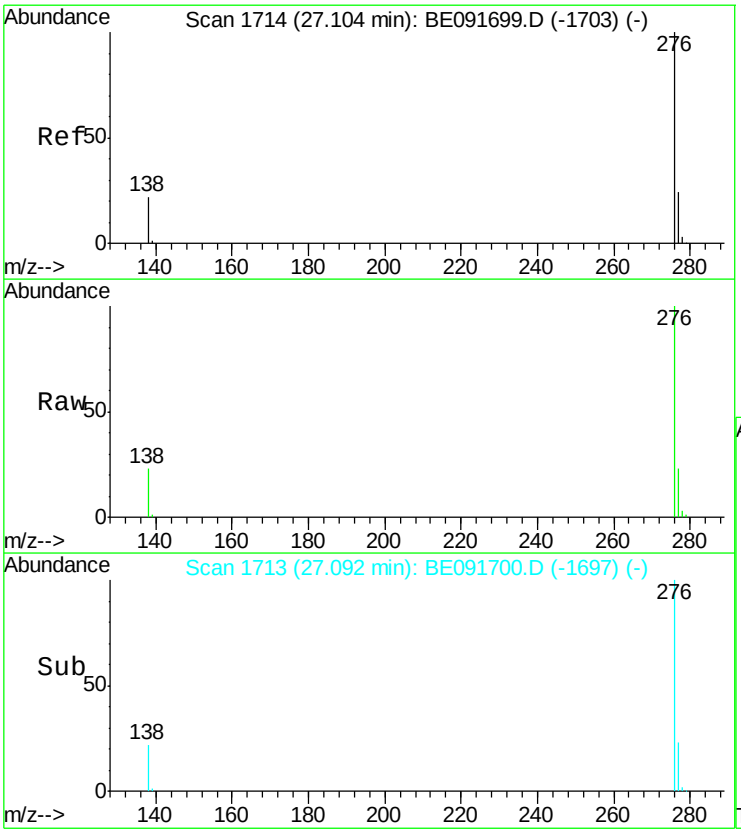
#39
Dibenzo(a,h)anthracene
Concen: 0.80 ng
RT: 26.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 47828

Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.0	24.0
279	23.6	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.78 ng
RT: 27.09 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BE091700.D
Acq: 26 Apr 2016 12:09

Tgt Ion:276 Resp: 47854

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	22.9	20.4	30.6